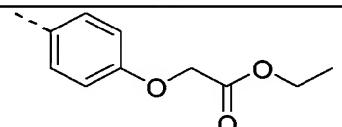
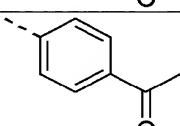
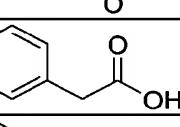
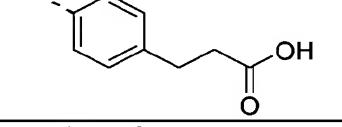
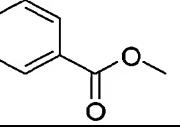
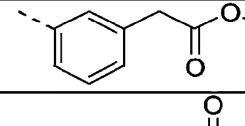
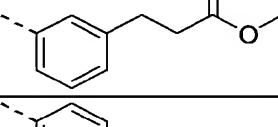
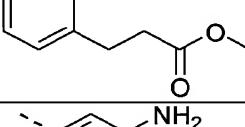
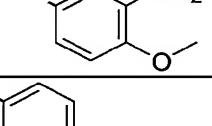
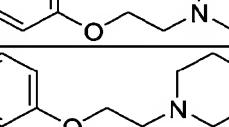
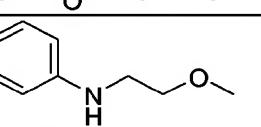
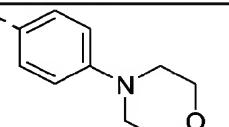
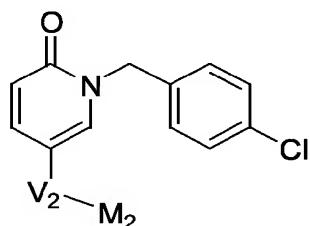


Co.nr.	Exp. nr.	R^3	
2-29	21		
2-30	1		
2-31	22		
2-32	22		
2-33	2		
2-34	2		
2-35	1		
2-36	1		
2-37	1		
2-38	47		
2-39	47		
2-40	45		
2-41	1		

Co.nr.	Exp. nr.	R^3	
2-42	47*		
2-43	22		
2-44	22*		
2-45	22		
2-46	22		
2-47	22		
2-48	2		
2-49	45		
2-50	45*		
2-51	23*		
2-52	2		
2-53	1		
2-54	2		

Co.nr.	Exp. nr.	R^3	
2-55	4		
2-56	4*		
2-57	2		
2-58	2		
2-59	2		
2-60	1		
2-61	1		
2-62	1		
2-63	1		
2-64	1		
2-65	1		
2-66	1		
2-67	2		

Co.nr.	Exp. nr.	\mathbf{R}^3	
2-68	2		
2-69	1		
2-70	1		
2-71	1		
2-72	1		

Table 3

Co.nr.	Exp. nr.	\mathbf{V}_2	\mathbf{M}_2	
3-01	12	--CH ₂ --		
3-02	12*	--CH ₂ --		
3-03	5	--CH=CH--		(Z)
3-04	5	--CH=CH--		(E)
3-05	32	--CH ₂ -CH ₂ -CH ₂ -CH ₂ --	--H	
3-07	10*	--CH ₂ -N(CH ₃)--		
3-08	10	--CH ₂ -N(CH ₃)-CH ₂ --		

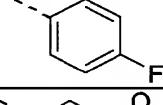
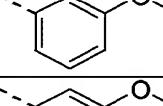
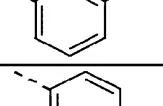
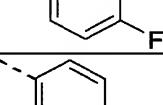
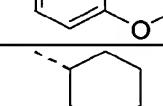
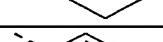
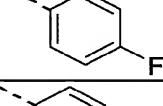
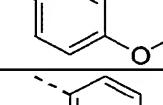
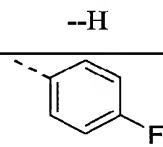
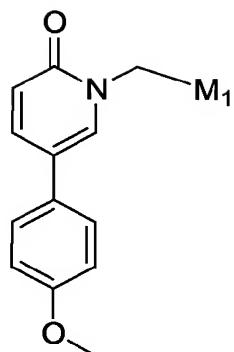
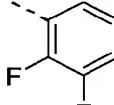
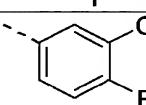
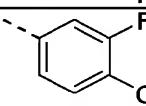
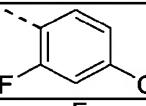
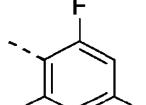
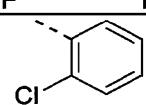
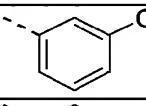
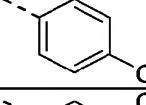
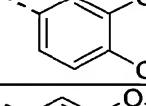
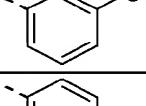
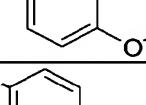
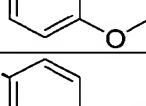
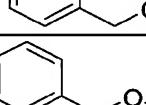
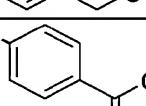
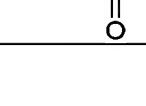
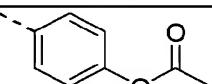
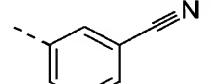
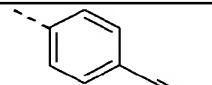
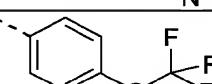
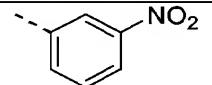
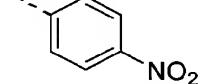
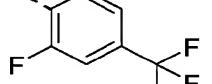
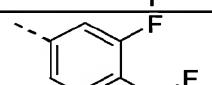
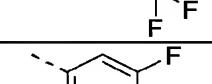
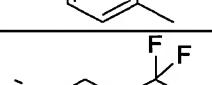
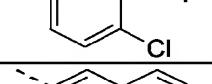
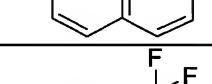
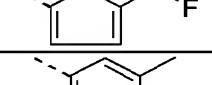
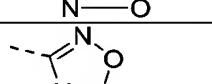
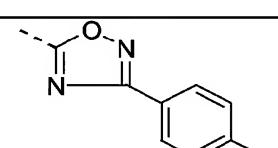
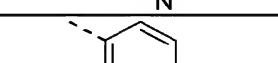
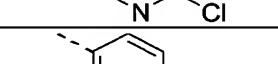
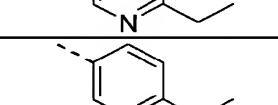
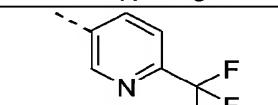
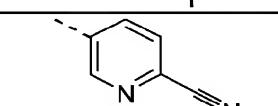
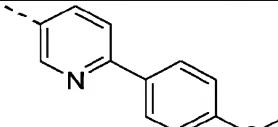
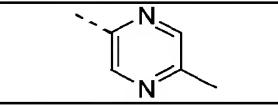
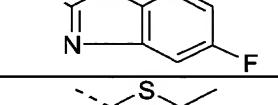
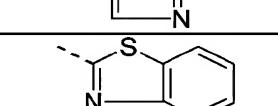
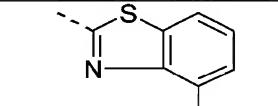
Co.nr.	Exp. nr.	V ₂	M ₂	
3-09	41	--CH(OH)--		
3-10	41*	--CH(OH)--		
3-12	11*	--C(=O)--		
3-13	50*	--O--		
3-14	50	--O--		
3-15	51	--O-CH ₂ --		
3-16	51	--O-CH ₂ --		
3-17	51*	--O-CH ₂ --		
3-18	51	--O-CH ₂ -CH ₂ --		
3-19	51	--O-CH ₂ -CH ₂ -CH ₂ --	--H	
3-21	46*	--N(CH ₃)--		

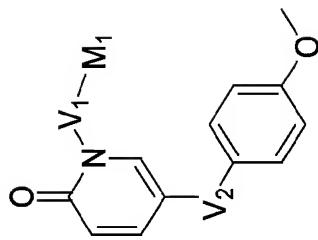
Table 4

Co.nr.	Exp. nr.	M ₁	
4-01	9		
4-02	9		
4-03	9*		
4-04	9		
4-05	7		
4-06	7		
4-07	7		
4-08	7		
4-09	7		
4-10	7		
4-11	7		
4-12	7		

Co.nr.	Exp. nr.	M_1	
4-13	7		
4-14	7		
4-15	7		
4-16	7		
4-17	7		
4-18	7		
4-19	1		
4-20	7		
4-21	7		
4-22	7		
4-23	7		
4-24	34		
4-25	34*		
4-26	34		
4-27	7		

Co.nr.	Exp. nr.	M_1	
4-28	7		
4-29	7		
4-30	7		
4-31	7		
4-32	7		
4-33	7		
4-34	7		
4-35	7		
4-36	7		
4-37	7		
4-38	7		
4-39	7		
4-40	7		
4-41	7		

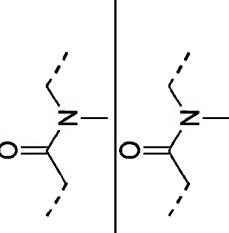
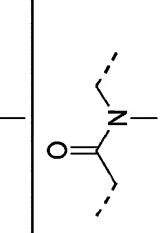
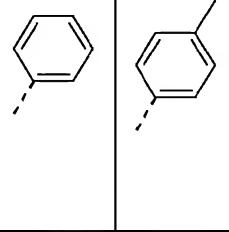
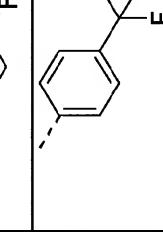
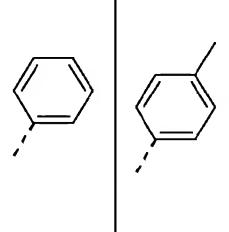
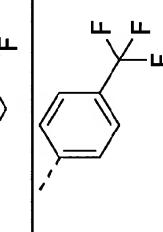
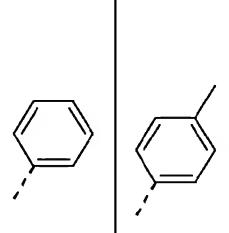
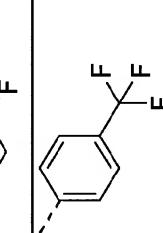
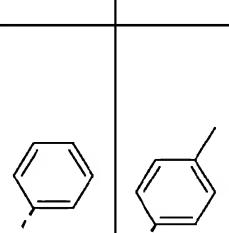
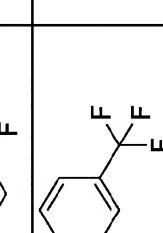
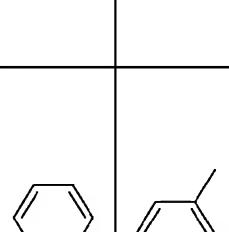
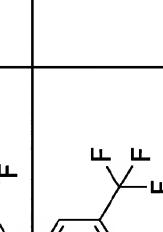
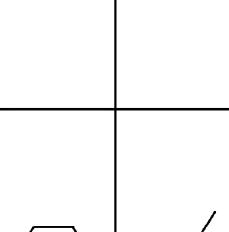
Co.nr.	Exp. nr.	M_1	
4-42	16*		
4-43	8		
4-44	8		
4-45	52*		
4-46	8		.HCl
4-47	8*		
4-48	52		
4-49	52		
4-50	8		
4-51	15*		
4-52	8		
4-53	7		
4-54	15		



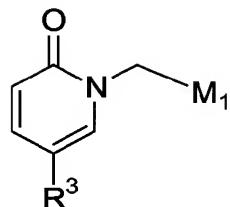
C0.nr.	Exp. nr.	V ₁	M ₁	V ₂
5-01	13	-CH ₂ -		-CH ₂ -CH ₂ -
5-02	12	-CH ₂ -		-CH ₂ -
5-03	13	-CH ₂ -		-CH ₂ -CH ₂ -CH ₂ -CH ₂ -
5-04	7	-CH ₂ -CH ₂ -		c b
5-05	7	-CH(CH ₃)-		c b
5-06	9	--CH ₂ -CH ₂ -CH(CF ₃)-	--H	c b

Table 5

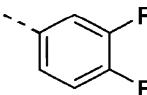
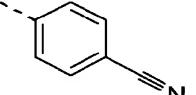
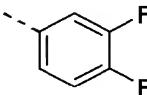
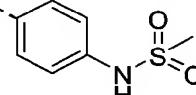
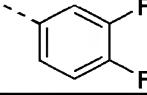
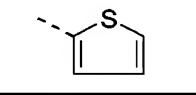
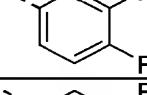
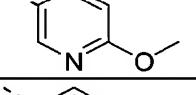
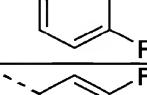
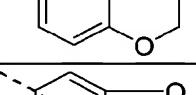
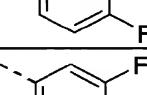
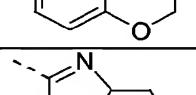
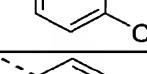
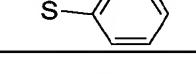
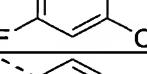
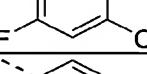
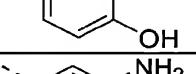
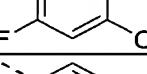
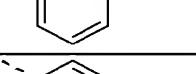
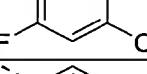
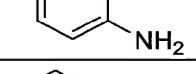
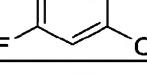
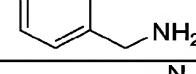
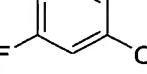
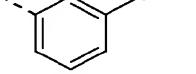
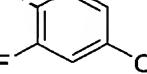
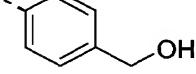
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5-08	9	--CH ₂ -CH ₂ -CH ₂ -CH ₂ --	--H	c b
5-09	7	--CH ₂ -CH ₂ -CH ₂ -CH ₂ --		c b
5-10	9	--CH ₂ -CH(CH ₃)-CH ₂ --	--H	c b
5-11	9	--CH ₂ -CH ₂ -CH ₂ -CH ₂ -CH ₂ --	--H	c b
5-12	9	--CH(CH ₃)-CH ₂ -CH ₂ -CH ₂ --	--H	c b
5-13	9	--CH ₂ -CH ₂ -CH(CH ₃)-CH ₂ --	--H	c b
5-15	9	--CH ₂ -CH ₂ -C(CH ₃) ₂ -CH ₂ --	--H	c b
5-16	9	--CH ₂ -CH ₂ -CH ₂ -C≡C--	--H	c b
5-17	7	--CH ₂ -O--		c b
5-18	7*	--CH ₂ -CH ₂ -O--		c b
5-19	7	--C(=O)--		c b

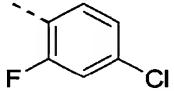
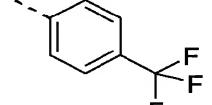
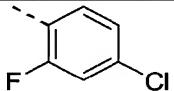
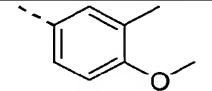
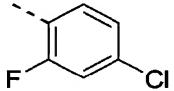
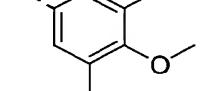
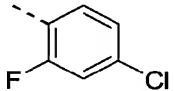
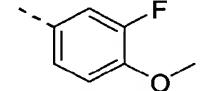
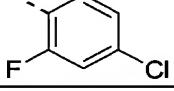
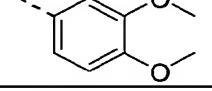
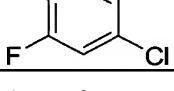
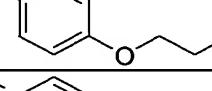
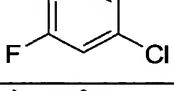
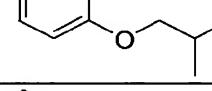
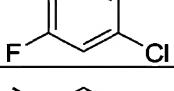
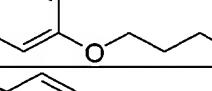
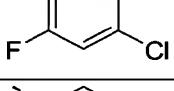
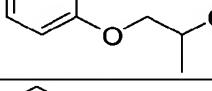
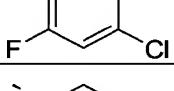
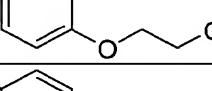
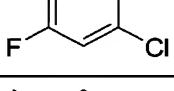
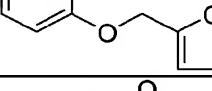
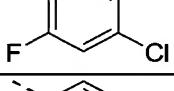
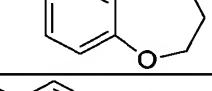
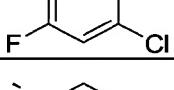
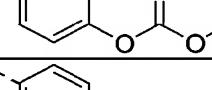
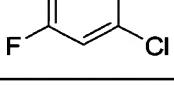
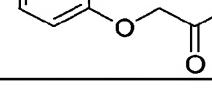
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5-21	14			cb
5-22	14			cb
5-23	14			cb
5-24	14*			cb
5-25	14			cb
5-26	14			cb

cb=covalent bond

Table 6

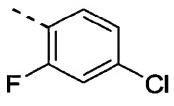
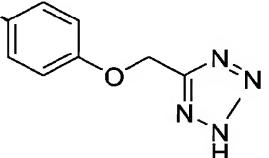
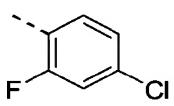
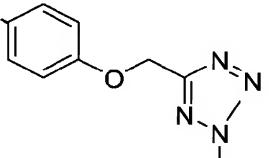
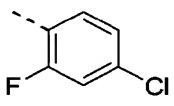
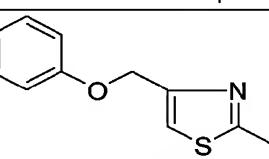
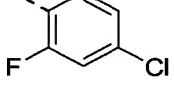
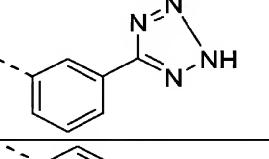
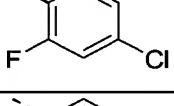
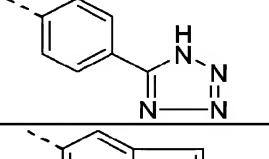
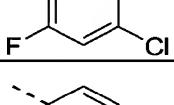
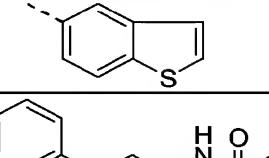
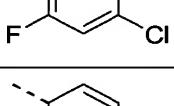
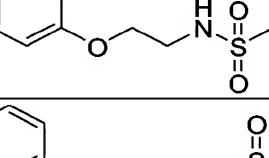
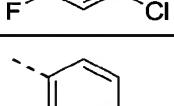
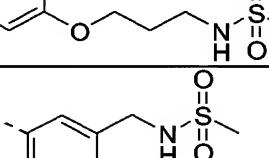
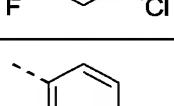
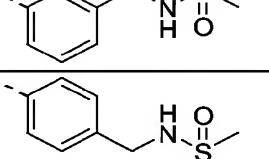
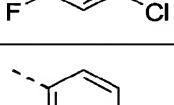
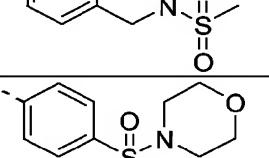
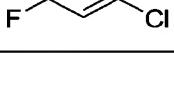
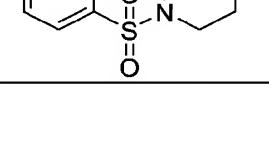
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6-02	1			
6-03	1			
6-04	2			
6-05	1			
6-06	1			
6-07	1			
6-08	1			
6-09	1			
6-10	2			
6-11	2			
6-12	2			

Co.nr.	Exp. nr.	M₁	R³	
6-13	2			
6-14	4			
6-15	2			
6-16	1			
6-17	2			
6-18	1			
6-19	6*			
6-20	1		--Br	
6-21	20			
6-22	28			
6-23	28*			.HCl
6-24	28			
6-25	2			
6-26	2			

Co.nr.	Exp. nr.	M₁	R³	
6-27	1			
6-28	1			
6-29	2			
6-30	1			
6-31	1			
6-32	20			
6-33	20			
6-34	20			
6-35	20			
6-36	20			
6-37	20			
6-38	1			
6-39	43*			
6-40	21*			

Co.nr.	Exp. nr.	M₁	R³	
6-41	21			
6-42	28			
6-43	28			
6-44	20			
6-45	20			
6-46	20*			
6-47	20			
6-48	20			
6-49	20			
6-50	20			
6-51	1*			
6-52	21			
6-53	29*			

Co.nr.	Exp. nr.	M₁	R³	
6-54	29			
6-55	29			
6-56	29			
6-57	29			
6-58	29			
6-59	29			
6-60	29			
6-61	29			
6-62	20			
6-63	20			
6-64	20			

Co.nr.	Exp. nr.	M₁	R³	
6-65	24*			
6-82	24			
6-66	20			
6-67	23			
6-68	23			
6-69	26*			
6-70	29			
6-71	29			
6-72	29			
6-73	29			
6-74	1			

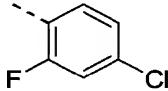
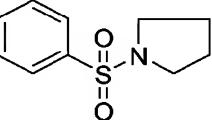
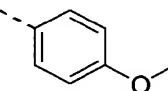
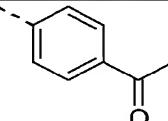
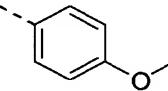
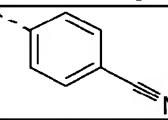
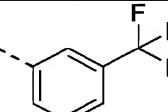
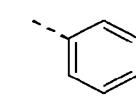
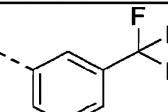
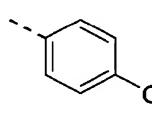
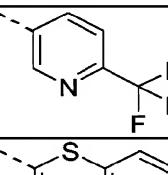
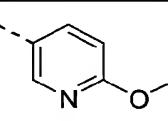
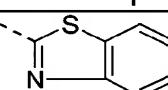
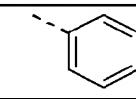
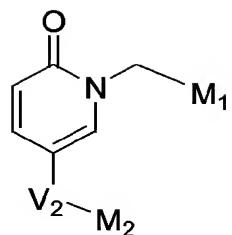
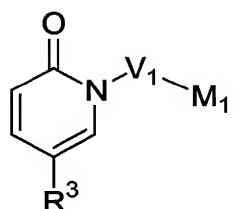
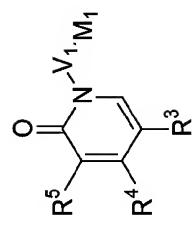
Co.nr.	Exp. nr.	M₁	R³	
6-75	1			
6-76	2			
6-77	2			
6-78	1			
6-79	1			
6-80	1			
6-81	2			

Table 7

Co.nr.	Exp. nr.	M₁	V₂	M₂	
7-01	5		--C≡C--		
7-02	5*		--C≡C--		
7-03	42*		-O-CH ₂ -CH ₂ --		
7-04	13		--CH ₂ -CH ₂ --		
7-06	13*		--CH ₂ -CH ₂ --		
7-07	12		--CH ₂ --		
7-08	32*		--CH ₂ -CH ₂ -CH ₂ --		
7-09	32		--CH(CH ₃)-CH ₂ --	--H	
7-10	32		--CH ₂ -CH ₂ -CH ₂ -CH ₂ --		
7-11	13		--CH ₂ -CH ₂ -CH ₂ -CH ₂ --		
7-15	13		--CH ₂ -CH ₂ --		
7-16	5		--C≡C--		

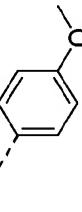
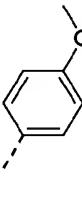
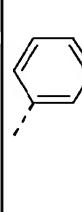
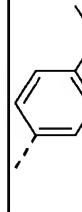
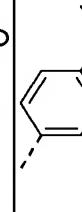
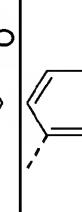
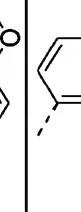
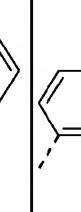
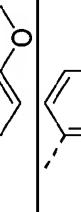
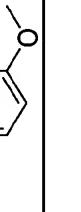
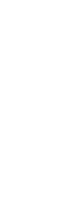
Table 8

Co.nr.	Exp. nr.	V ₁	M ₁	R ³	
8-01	3	--CH ₂ -CH ₂ -CH(CH ₃)-CH ₂ --	--H		
8-02	3*	--CH ₂ -CH ₂ -CH(CH ₃)-CH ₂ --	--H		



Co.nr.	Exp. nr.	R ⁴	R ⁵	V ₁	M ₁	R ³
9-01	2	-H	-Cl	--CH ₂ --	-	
9-02	2	-H	-Cl	--CH ₂ --	-	
9-03	2	-H	-Cl	--CH ₂ --	-	
9-04	3	-H	-Cl	--CH ₂ -CH ₂ -CH(CH ₃)-CH ₂ --	-H	
9-05	2	-H	-Cl	--CH ₂ --	-	
9-06	6	-H	-F	--CH ₂ --	-	

Table 9

C ₀ .nr.	Exp. nr.	R ⁴	R ⁵	V ₁	M ₁	R ³
9-07	2	-H	-CH ₃	--CH ₂ --		
9-08	27*	-H	-CH ₂ OH	--CH ₂ --		
9-09	1	-H	-COOCH ₃	--CH ₂ --		
9-10	40*	-H	-O-CH ₃	--CH ₂ --		
9-11	2	-H	-NO ₂	--CH ₂ --		
9-12	2	-CH ₃	-H	--CH ₂ --		
9-13	2	-CH ₃	-H	--CH ₂ --		
9-14	2	-CH ₃	-H	--CH ₂ --		
9-15	48	--CH ₂ -CH ₂ -OH	-H	--CH ₂ --		

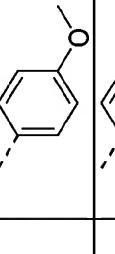
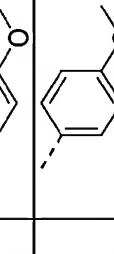
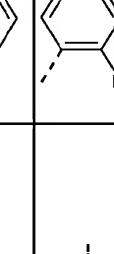
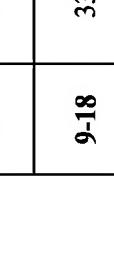
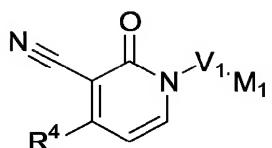
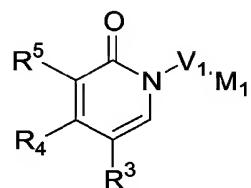
C ₀ nr.	Exp. nr.	R ^t	R ^s	V ₁	M ₁	R ³
9-16	49*	-CH ₂ O-CH ₃	-H	--CH ₂ --		
9-17	48*	-CH ₂ CH ₂ O-CH ₃	-H	--CH ₂ --		
9-18	33*	-OCH ₃	-H	--CH ₂ --		

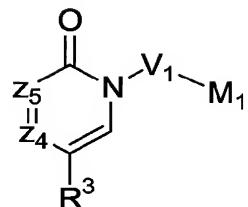
Table 10

Co.nr.	Exp. nr.	V ₁	M ₁	R ⁴
10-10	2	--CH ₂ --		
10-11	31	--CH ₂ --		
10-12	31	--CH ₂ --		
10-13	31	--CH ₂ --		
10-14	31	--CH ₂ --		
10-15	31	--CH ₂ --		
10-16	31	--CH ₂ --		
10-17	31	--CH ₂ --		
10-18	31	--CH ₂ --		
10-19	31	--CH ₂ -CH ₂ -CH ₂ --	--H	
10-20	31	--CH ₂ -CH ₂ -CH ₂ --		
10-21	31	--CH ₂ -CH ₂ -CH ₂ --		
10-22	31	--CH ₂ -CH=CH--		
10-23	31	--CH ₂ -CH ₂ -CH ₂ -CH ₂ --	--H	

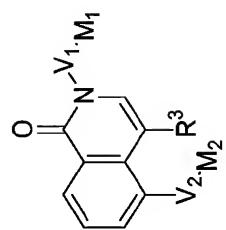
Co.nr.	Exp. nr.	V_1	M_1	R^4
10-24	31	--CH ₂ -CH(CH ₃)-CH ₂ --	--H	
10-25	31	--CH(CH ₃)-CH ₂ -CH ₂ -CH ₂ --	--H	
10-26	31	--CH ₂ -CH(CH ₃)-CH ₂ -CH ₂ --	--H	
10-27	31	--CH ₂ -CH ₂ -CH(CH ₃)-CH ₂ --	--H	
10-28	31*	--CH ₂ -CH ₂ -CH(CH ₃)-CH ₂ --	--H	
10-29	31	--CH ₂ -CH ₂ -CH(CH ₃)-CH ₂ --	--H	
10-30	31	--CH ₂ -CH ₂ -CH(CH ₃)-CH ₂ --	--H	

Table 11

Co.nr.	Exp. nr.	V_1	M_1	R^3	R^4	R^5
11-01	1	--CH ₂ --		--Br	--CH ₃	--H
11-02	19	--CH ₂ --		--H		--H
11-03	19*	--CH ₂ --		--H		--H

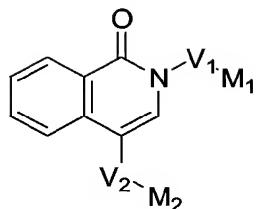
Table 12

Co.nr.	Exp. nr.	Z_4	Z_5	V_1	M_1	R^3	
12-01	37	C	N	-CH ₂ -			
12-02	37	C	N	-CH ₂ -			
12-03	37	C	N	-CH ₂ -			
12-04	37	C	N		--H		
12-05	37	N	C	-CH ₂ -			
12-06	37*	N	C	-CH ₂ -			
12-07	37	N	C		--H		

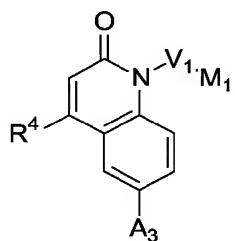


Co.nr.	Exp. nr.	V ₁	M ₁	V ₂	M ₂	R ³
13-01	17*	--CH ₂ --		c b	--H	-H
13-04	38	--CH ₂ -CH ₂ -CH ₂ --	--H	--NH-CH ₂ -CH ₂ --		-H
13-05	38*	--CH ₂ -CH ₂ -CH ₂ --	--H	--NH-CH ₂ -CH ₂ --		-H
13-06	53*	--CH ₂ -CH ₂ -CH ₂ --	--H	--O-CH ₂ -CH ₂ --		-H

Table 13

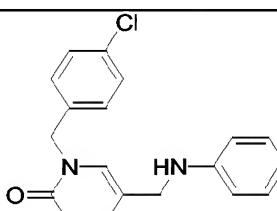
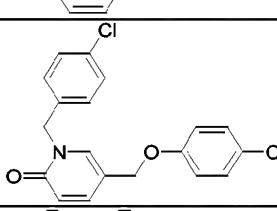
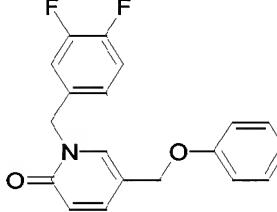
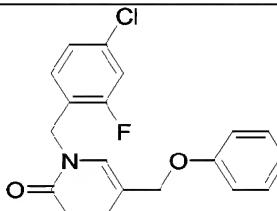
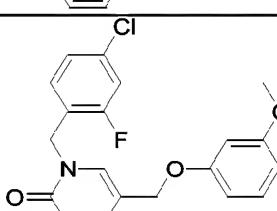
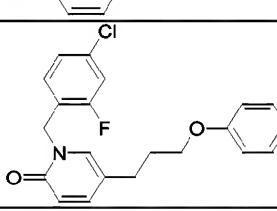
Table 14

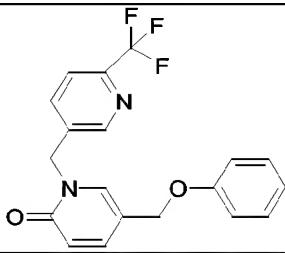
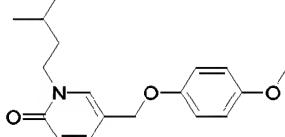
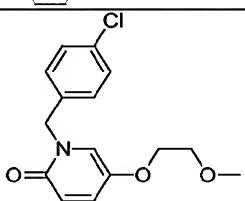
Co.nr.	Exp. nr.	V_1	M_1	V_2	M_2
14-01	39*	--CH ₂ -CH ₂ -CH ₂ --	--H	--CH ₂ -CH ₂ --	

5 **Table 15**

Co.nr.	Exp. nr.	V_1	M_1	A_3	R^4
15-01	18	--CH ₂ --		OCH ₃	--CH ₃
15-02	18		--H	--H	--CH ₃
15-03	18		--H	--Cl	--H
15-04	18*	--CH ₂ --		--H	--H
15-05	18	--CH ₂ --		--H	--CH ₃

Table 16 : Compounds with T₂ equal to an (C₁₋₆)alkyl-radical

Co.nr.	Exp. nr.	Structure
16-01	10	
16-02	44*	
16-03	25*	
16-04	25	
16-05	25	
16-06	32	

Co.nr.	Exp. nr.	Structure
16-07	25	
16-08	25	
16-09	51	

PHYSICO-CHEMICAL DATA

¹H NMR spectra were recorded on Bruker 500MHz or 300MHz. Chemical shifts are expressed in parts of million (ppm, δ units). Coupling constants are in units of hertz (Hz). Splitting patterns describe apparent multiplicities and are designated as s (singulet), d (doublet), t (triplet), q (quadruplet), m (multiplet).

LCMS were recorded on a Waters Micromass ZQ 2996 system by the following conditions. Column 3.0*50mm stainless steel packed with 5 μ m XTerra RP C-18; flow rate 1ml/min; mobile phase: A phase = 0.1% formic acid in water, B phase = 0.07% formic acid in acetonitrile. 0-0.5min (A: 95%, B: 5%), 0.5-6.0min (A: 0%, B: 100%), 6.0-6.5min (A: 95%, B: 5%), 6.5-7min (A: 95%, B: 5%); UV detection Diode Array: 200-400nm; Injection volume: 3 μ l. For the ACE-C₁₈ column (3.0 μ m, 4.6 x 30 mm) from Advanced Chromatography Technologies, with a flow rate of 1.5 mL/min. The standard gradient conditions used are: 80 % A (0.5 g/l ammonium acetate solution), 10 % B (acetonitrile), 10 % C (methanol) to 50 % B and 50 % C in 6.5 min., to 100 % B at 7 min. and equilibrated to initial conditions at 7.5 min. until 9.0 min. A 5 μ L volume of

the sample was injected. In some cases sodium bicarbonate (1g/l) was used as buffer. All mass spectra were taken under electrospray ionisation (ESI) methods.

Most of the reaction were monitored by thin-layer chromatography on 0.25mm
 5 Macherey-Nagel silica gel plates (60F-2254), visualized with UV light. Flash column chromatography was performed on silica gel (220-440 mesh, Fluka).

Melting point determination was performed on a Buchi B-540 apparatus.

10 Table: 17 : Physico-chemical data

Co.Nr	Melting point (°C)	[MH⁺]	RT (min)	Physical form
	273°C	381	4.32	n
	145-157°C	426, 428	4.08, 4.30	beige soild
1-01	-	-	-	white semi-solid
1-02	-	276	4.28	brown oil
1-03	110°C	276	4.29	white solid
1-04	80°C	290	3.99	orange solid
1-05	145°C	318	5.31	white solid
1-06	118°C	290	4.04	white solid
1-07	-	280	4.08	brown oil
1-09	98°C	298	4.46	brown solid
1-10	120°C	296	4.41	white solid
1-12	134°C	330, 332	4.24	white solid
1-13	202°C	-	-	beige solid
1-14	-	292	4.04	yellow oil
1-15	-	292	4.04	colorless oil
1-17	88°C	320	4.88	brown solid
1-18	110°C	334	4.31	beige solid
1-19	120°C	322	3.69	white solid
1-20	115°C	346	4.59	white solid
1-21	-	310	4.11	brown oil
1-22	-	354	4.76	brown oil
1-23	118°C	304	3.71	white solid
1-24	115°C	334	4.31	white solid
1-25	131°C	287	3.89	white solid
1-26	153°C	305	2.76	dark yellow solid
1-27	149°C	307	4.04	colorless solid
1-28	132°C	334	5.51	white solid
1-29	180-181°C	293	3.81	white solid
1-30	93°C	301	3.96	brown solid

Co.Nr	Melting point (°C)	[MH ⁺]	RT (min)	Physical form
1-31	-	304	3.61	orange semi-solid
1-32	114°C	312	4.63	brown solid
2-01	72°C	302, 304	5.07	beige solid
2-02	-	296, 298	4.53	brown oil
2-03	126-128°C	310, 312	4.86	white solid
2-04	115°C	352	5.69	beige solid
2-05	73°C	352	5.64	beige solid
2-06	125°C	322	4.93	beige solid
2-07	-	314, 316	4.61	brown oil
2-08	-	314	4.49	light yellow oil
2-09	-	332	4.64	colorless oil
2-10	109-112°C	328, 330	4.93	white solid
2-11	89°C	344, 346	4.56	white solid
2-12	-	312, 314	3.78	beige solid
2-13	202°C	312, 314	3.68	beige solid
2-14	155°C	326	3.47	yellow solid
2-15	157°C	354, 356	3.85	white solid
2-16	165°C	354, 356	3.78	white solid
2-17	-	326	4.58	brown oil
2-18	-	340, 342	4.69	brown oil
2-19	-	340	4.86	oil
2-20	120-121°C	340, 342	4.88	white solid
2-21	118°C	354	4.99	white solid
2-22	-	368	5.33	yellow oil
2-23	-	340, 342	4.49	colorless oil
2-24	109°C	340, 342	4.46	white solid
2-25	109°C	354, 356	4.62	white solid
2-26	91°C	382, 384	5.38	white solid
2-27	101°C	416, 418	5.18	white solid
2-28	79°C	384, 386	4.26	white solid
2-29	-	398	4.48	colorless oil
2-30	162°C	338	4.21	yellow solid
2-31	180°C	354, 356	3.57	white solid
2-32	185°C	368, 370	3.89	white solid
2-33	175°C	354, 356	4.36	white solid
2-34	-	368, 370	4.24	brown oil
2-35	-	382	4.61	oil
2-36	105°C	382	4.59	yellow solid
2-37	175°C	341, 343	3.62	white solid
2-38	70°C	397, 399	2.95	white solid
2-39	68°C	439, 441	2.89	white solid
2-40	106°C	369	4.25	-
2-41	126°C	381	4.18	white solid
2-42	152°C	411, 413	3.55	white solid
2-43	176°C	367, 369	3.52	white solid
2-44	183°C	367, 369	3.32	white solid

Co.Nr	Melting point (°C)	[MH ⁺]	RT (min)	Physical form
2-45	161°C	381, 383	3.66	white solid
2-46	197°C	381, 383	3.52	white solid
2-47	104°C	395, 397	3.86	white solid
2-48	155°C	339, 341	4.28	grey solid
2-49	-	353	5.02	-
2-50	-	382	3.23	-
2-51	231°C	376, 378	3.56	white solid
2-52	132°C	342, 344	4.84	yellow solid
2-53	109°C	356	5.13	white solid
2-54	199-200°C	374	3.76	white solid
2-55	169°C	389	3.83	white solid
2-56	151°C	419, 421	3.73	white solid
2-57	-	385, 387	4.96	brown semi-solid
2-58	140-144°C	376, 378	4.26	beige solid
2-59	112-114°C	286, 288	4.16	white solid
2-60	101°C	316	4.7	white solid
2-61	135°C	311, 313	4.01	beige solid
2-62	191°C	327	4.19	white solid
2-63	169°C	331, 333	4.07	yellow solid
2-64	164°C	340, 342	2.53	beige solid
2-65	154°C	382, 384	3.21	white solid
2-66	191°C	328, 330	3.56	beige solid
2-67	-	335, 337	4.04	brown oil
2-68	144-147°C	349, 351	4.69	beige solid
2-69	119°C	338	4.51	orange solid
2-70	165°C	347, 349	4.06	white solid
2-71	261°C	347, 349	3.43	yellow solid
2-72	120°C	348, 350	3.78	yellow solid
3-01	93°C	328	4.54	white solid
3-02	-	340, 342	4.49	yellow oil
3-03	164°C	352, 354	4.83	yellow pale crystals
3-04	167°C	352, 354	4.83	yellow pales crystals
3-05	-	276	4.7	light yellow oil
3-07	106°C	339, 341	4.43	white solid
3-08	-	353, 355	2.59	pale oil
3-09	175-177°C	344	3.83	pale beige solid
3-10	120°C	356, 358	3.76	yellow solid
3-12	104°C	354, 356	4.41	white solid
3-13	-	330	4.56	-
3-14	199°C	342	4.46	-
3-15	217°C	332	5.51	-
3-16	83°C	344	4.49	-
3-17	-	355	4.39	-
3-18	-	340	4.81	-
3-19	104°C	278	4.17	black solid
3-21	-	343, 345	4.36	yellow oil

Co.Nr	Melting point (°C)	[MH ⁺]	RT (min)	Physical form
4-01	-	256	3.84	yellow oil
4-02	-	284	4.45	colorless oil
4-03	-	298	4.72	colorless oil
4-04	-	312	5.06	colorless oil
4-05	122°C	306	4.38	white solid
4-06	123-124°C	306	4.48	clear yellow solid
4-07	131-132°C	360	4.59	white solid
4-08	-	310	3.69	yellow oil
4-09	89°C	310	3.69	white solid
4-10	103°C	310	3.71	white solid
4-11	-	328	4.33	colorless oil
4-12	109°C	328	4.28	white solid
4-13	71°C	328	4.26	white solid
4-14	-	344	4.53	brown oil
4-15	-	344, 346	4.51	white solid
4-16	88°C	344, 346	4.58	white solid
4-17	112°C	346	4.24	white solid
4-18	125°C	326	4.44	white solid
4-20	142°C	326	3.91	white solid
4-21	-	360, 362	4.16	pale yellow solid
4-22	-	322	4.14	yellow oil
4-23	103°C	322	3.64	clear yellow solid
4-24	-	-	-	yellow oil
4-25	72°C	336	3.92	white solid
4-26	-	350	4.22	yellow oil
4-27	147-150°C	350	4.11	white solid
4-28	-	350	3.85	clear yellow oil
4-29	165°C	317	3.51	white solid
4-30	119-120°C	317	3.98	white solid
4-31	130°C	376	4.64	white solid
4-32	-	337	3.69	yellow oil
4-33	95°C	337	3.69	white solid
4-34	131-134°C	378	4.68	brown solid
4-35	82-84°C	378	4.64	white solid
4-36	98-100°C	324	4.51	white solid
4-37	-	394, 396	4.83	yellow oil
4-38	145-148°C	342	4.68	white solid
4-39	120°C	350	4.25	white solid
4-40	100-102°C	297	3.66	white solid
4-41	104°C	360	4.12	yellow solid
4-42	123°C	378	4.39	yellow solid
4-43	-	293	2.24	yellow oil
4-44	135°C	327, 329	3.83	white solid
4-45	130°C	321	3.55	-
4-46	126°C	323	3.73	yellow solid
4-47	168°C	361	4.06	white solid

Co.Nr	Melting point (°C)	[MH⁺]	RT (min)	Physical form
4-48	273°C	317	3.18	-
4-49	-	399	4.31	-
4-50	-	308	3.43	brown oil
4-51	115°C	351	4.06	white solid
4-52	127-130°C	313	3.54	beige solid
4-53	121°C	349	3.68	beige solid
4-54	126°C	367	4.1	brown solid
5-01	69°C	372	4.68	pale beige solid
5-02	-	358, 360	4.61	yellow oil
5-03	-	400	5.35	colorless oil
5-04	125°C	324	4.28	white solid
5-05	92°C	306	3.73	clear yellow solid
5-06	75°C	312	3.97	white solid
5-07	-	320	4.51	colorless oil
5-08	-	258	4.03	colorless oil
5-09	79°C	334	4.79	yellow solid
5-10	70°C	258	3.98	white solid
5-11	-	272	4.38	yellow oil
5-12	85°C	272	4.33	white solid
5-13	75°C	272	4.32	white solid
5-15	85°C	286	4.63	white solid
5-16	-	268	3.73	colourless oil
5-17	-	342	4.56	colorless oil
5-18	-	322	4.31	yellow oil
5-19	126°C	320	3.89	white solid
5-20	-	363	3.79	yellow oil
5-21	65°C	377	3.99	white solid
5-22	-	381	3.93	clear yellow oil
5-23	-	431	4.18	brown oil
5-24	-	397, 399	4.06	yellow oil
5-25	-	393	3.81	yellow oil
5-26	160°C	408	3.78	yellow solid
6-04	112-113°C	294	4.59	clear brown solid
6-10	-	328	4.34	grey solid
6-11	85°C	342	4.21	pale gray crystals
6-12	142°C	340	3.99	pale pink crystals
6-13	139°C	323	4.09	white solid
6-14	-	391	3.58	pale brown glass oil
6-15	96°C	304	4.24	pale grey solid
6-16	120°C	329	3.94	white solid
6-17	99°C	340	4.24	pale grey crystals
6-18	181°C	342	4.23	white solid
6-19	164°C	371, 373	4.89	pale beige solid
6-20	102°C	316, 318	4.12	white solid
6-21	224°C	330	3.67	white solid
6-22	70°C	329, 331	3.45	beige solid

Co.Nr	Melting point (°C)	[MH⁺]	RT (min)	Physical form
6-23	266°C	329, 331	3.18	beige solid
6-24	139°C	343, 345	2.52	beige solid
6-25	140°C	339, 341	4.26	white solid
6-26	176°C	344, 346	3.53	white solid
6-27	127°C	382	5.03	white solid
6-28	104°C	358, 360	4.85	white solid
6-29	-	372, 374	5.08	yellow oil
6-30	-	362, 364	4.69	brown oil
6-31	141°C	374, 376	4.13	white solid
6-32	107°C	372, 374	5.38	white solid
6-33	88°C	386	5.45	white solid
6-34	129°C	354.1, 356.1	4.62	white solid
6-35	-	388, 390	3.92	pale oil
6-36	90°C	388	4.3	yellow solid
6-37	114°C	410, 412	4.78	white solid
6-38	-	386, 388	4.53	beige oil
6-39	124°C	388, 390	4.28	white solid
6-40	127°C	386, 388	4.02	white solid
6-41	119°C	402	4.3	white solid
6-42	226°C	373, 375	2.63	white solid
6-43	253°C	387, 389	2.8	white solid
6-44	85°C	401	2.67	white solid
6-45	104°C	415	2.83	white solid
6-46	160°C	369, 371	4.2	pale beige solid
6-47	80°C	444	2.67	yellow solid
6-48	153°C	457	2.9	beige solid
6-49	-	421	4.34	yellow solid
6-50	-	421	3.73	yellow oil
6-51	136°C	345, 347	4.13	beige solid
6-52	162°C	401, 403	3.58	white solid
6-53	153°C	415	3.51	white solid
6-54	-	429, 431	3.63	pale oil
6-55	121°C	457, 459	4.24	white solid
6-56	131°C	471, 473	4.34	white solid
6-57	194°C	371, 373	3.72	beige solid
6-58	230°C	371, 373	3.53	beige solid
6-59	126°C	443, 445	4.62	brown solid
6-60	143°C	385	3.47	beige solid
6-61	150°C	385, 387	3.42	beige solid
6-62	180°C	441, 443	3.9	beige solid
6-63	135°C	425, 427	4.57	white solid
6-64	-	424, 426	2.87	brown oil
6-65	197°C	412, 414	3.57	white solid
6-66	90°C	441, 443	4.55	white solid
6-67	240°C	382, 384	3.6	white solid
6-68	241°C	382	3.6	white solid

Co.Nr	Melting point (°C)	[MH ⁺]	RT (min)	Physical form
6-69	110°C	370, 372	5.03	beige solid
6-70	139°C	451	3.75	beige solid
6-71	157°C	465, 467	3.88	white solid
6-72	110°C	421, 423	3.77	beige solid
6-73	165°C	421	3.7	beige solid
6-74	141°C	463, 465	4.07	white solid
6-75	177°C	447, 449	4.33	pink solid
6-76	97°C	334	3.72	white solid
6-77	134°C	317	3.83	white solid
6-80	160°C	362	3.6	beige solid
6-81	149°C	319	4.08	grey solid
7-01	105°C	334	4.74	brown solid
7-02	179°C	305	3.68	solid
7-03	93°C	324	4.41	white solid
7-04	-	356	4.44	colorless oil
7-06	-	372, 374	4.68	yellow oil
7-07	-	358	4.72	green oil
7-08	-	356, 358	5.09	yellow oil
7-09	53°C	280	2.53	colourless solid
7-10	-	370, 372	5.36	orange oil
7-11	-	400, 402	5.24	yellow oil
7-15	-	290	4.46	oily solid
7-16	123°C	286	4.11	white solid
8-01	78°C	267	4.06	white solid
8-02	159°C	335	3.49	white solid
9-01	121°C	344, 346	4.61	beige solid
9-02	-	360	4.79	green oil
9-03	-	330	4.86	colorless oil
9-04	155-157°C	369	3.95	beige solid
9-05	212-213°C	387	4.02	white solid
9-06	261°C	362	4.7	beige solid
9-07	109-110°C	306	4.49	white solid
9-08	128°C	356, 358	3.98	beige solid
9-09	125°C	354, 356	4.43	beige solid
9-10	-	374, 376	4.53	brown oil
9-11	148-150°C	337	4.44	orange solid
9-12	79°C	306	4.49	white solid
9-13	-	328, 330	4.79	white solid
9-14	125°C	358, 360	4.71	white solid
9-15	151°C	370	3.83	pale yellow solid
9-16	-	388, 390	3.83	green oil
9-17	-	384, 386	4.49	white oil
9-18	-	374, 376	4.62	yellow oil
10-10	148°C	299	4.59	white solid
10-12	155°C	291	4.19	yellow solid
10-13	118°C	-	-	white solid

Co.Nr	Melting point (°C)	[MH ⁺]	RT (min)	Physical form
10-15	175°C	295	3.97	beige solid
10-16	180°C	327, 329	4.54	pink solid
10-18	185°C	362	3.96	white solid
10-19	135°C	245	3.85	yellow solid
10-20	86°C	305	4.29	yellow solid
10-21	118°C	321	4.4	yellow solid
10-23	103°C	259	4.18	yellow solid
10-24	108°C	259	3.92	beige solid
10-25	103°C	273	4.22	white solid
10-26	149°C	267	4.45	white solid
10-27	112°C	257	4.13	yellow solid
10-28	123°C	273	4.29	yellow solid
10-29	138-140°C	267	4.3	white powder
10-30	120-121°C	311	4.23	beige powder
11-01	107°C	331, 333	4.36	beige solid
11-02	119°C	280	4.14	beige solid
11-03	114°C	310	4.18	white solid
12-01	200°C	293, 294	3.7	brown solid
12-02	188°C	327, 329	4.02	yellow solid
12-04	130°C	273	3.93	white powder
12-05	116°C	297, 299	4.46	orange solid
12-06	133°C	327, 329	4.41	brown oil
12-07	104°C	273	4.4	white solid
13-01	107°C	254	3.76	white solid
13-04	109-110°C	387.1	4.02	white powder
13-05	170-171°C	323	3.78	grey powder
13-06	-	338	4.84	-
14-01	-	322	4.89	orange oil
15-01	172°C	314	4.48	white solid
15-02	67°C	230	4.68	white solid
15-03	67°C	245	3.83	white solid
15-04	139°C	270, 272	4.43	white
15-05	-	284	4.61	white solid/glass oil
16-01	142°C	325, 327	4.09	white solid
16-02	114°C	356, 358	4.36	white solid
16-03	89°C	328	4.29	white solid
16-04	86°C	344, 346	4.54	brown solid
16-05	-	374, 376	4.49	white semi-solid
16-06	-	372, 374	4.97	colorless oil
16-07	119-121°C	361	4.07	orange solid
16-08	-	302	4.24	yellow oil
16-19	-	294	3.08	-

Table 18 : NMR-data

C ₀ Nr	NMR-data
1-02	¹ H NMR (500MHz, CDCl ₃) δ 2.39 (s, 3H), 5.23 (s, 2H), 6.75 (d, J=9.4Hz, 1H), 7.15 (m, 3H), 7.32 (m, 6H), 7.48 (d, J=2.6Hz, 1H), 7.64 (dd, J=2.6Hz, J=9.4Hz, 1H).
1-03	¹ H NMR (500MHz, CDCl ₃) δ 2.37 (s, 3H), 5.22 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 7.20 (d, J=8.2Hz, 2H), 7.25 (d, J=8.2Hz, 2H), 7.28-7.42 (m, 5H), 7.45 (d, J=2.7Hz, 1H), 7.61 (dd, J=9.4Hz, J=2.7Hz, 1H).
1-06	¹ H NMR (500MHz, CDCl ₃) δ 2.28 (s, 3H), 2.29 (s, 2H), 5.23 (s, 3H), 6.73 (dd, J=2.4Hz and 9.4Hz, 1H), 7.09 (dd, J=2.0Hz and 7.8Hz, 1H), 7.12-7.17 (2H), 7.29-7.38 (5H), 7.45 (d, J=2.6Hz, 1H), 7.62 (dd, J=2.6Hz and 9.4Hz, 1H).
1-07	¹ H NMR (500MHz, CDCl ₃) δ 5.23 (s, 2H), 6.74 (d, J=9.4Hz, 1H), 7.15 (m, 2H), 7.32 (m, 7H), 7.58 (m, 2H).
1-09	¹ H NMR (500MHz, CDCl ₃) δ 5.23 (s, 2H), 6.71-6.78 (2H), 6.84-6.90 (2H), 7.32-7.41 (5H), 7.49 (d, J=2.7Hz, 1H), 7.56 (dd, J=2.7Hz and 9.5Hz, 1H).
1-10	¹ H NMR (500MHz, CDCl ₃) δ 5.24 (s, 2H), 6.77 (d, J=9.4Hz, 1H), 7.20-7.40 (m, 9H), 7.50 (d, J=2.7Hz, 1H), 7.60 (dd, J=9.4Hz, J=2.7Hz, 1H).
1-14	¹ H NMR (500MHz, CDCl ₃) δ 3.78 (s, 3H), 5.20 (s, 2H), 6.74 (d, J=9.4Hz, 1H), 6.94 (d, J=8.3, 1H), 6.99 (t, J=7.5Hz, 1H), 7.32 (m, 2H), 7.37 (d, J=4.3Hz, 4H), 7.54 (d, J=2.5Hz, 1H), 7.61 (dd, J=2.5Hz, J=9.4Hz, 1H)
1-15	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.24 (s, 2H), 6.78 (d, J=9.4Hz, 1H), 6.84-6.90 (2H), 6.94 (d, J=7.7Hz, 1H), 7.29-7.39 (6H), 7.51 (d, J=2.6Hz, 1H), 7.64 (dd, J=2.6Hz and 9.4Hz, 1H).
1-19	¹ H NMR (500MHz, CDCl ₃) δ 3.90 (s, 3H), 5.24 (s, 2H), 6.75 (d, J=9.4Hz, 1H), 6.84 (s, 1H), 6.89 (d, J=0.9Hz, 2H), 7.29-7.39 (5H), 7.42 (d, J=2.6Hz, 1H), 7.61 (dd, J=2.6Hz and 9.4Hz, 1H).
1-21	¹ H NMR (500MHz, CDCl ₃) δ 3.80 (s, 3H), 5.22 (s, 2H), 6.73 (d, J=9.5Hz, 1H), 6.78 (m, 2H), 7.03 (m, 1H), 7.32-7.38 (m, 5H), 7.56 (s, 1H).
1-22	¹ H NMR (500MHz, CDCl ₃) δ 1.31 (d, J=5.0Hz, 6H), 4.48 (p, J=6.1Hz, 1H), 5.14 (s, 2H), 6.64 (d, J=9.4Hz, 1H), 6.88 (d, J=8.5Hz, 1H), 7.08 (d, J=2.3Hz, J=8.5Hz, 1H), 7.19 (s, 1H), 7.27 (m, 5H), 7.34 (d, J=2.6Hz, 1H), 7.48 (dd, J=2.6Hz, J=9.4Hz, 1H).
1-23	¹ H NMR (500MHz, CDCl ₃) δ 2.62 (s, 3H), 5.24 (s, 2H), 6.75 (q, J=9.5Hz, 1H), 7.29-7.41 (m, 5H), 7.45 (d, J=8.6Hz, 2H), 7.58 (d, J=2.7Hz, 1H), 7.66 (dd, J=9.5Hz, J=2.7Hz, 1H), 7.98 (d, J=8.6Hz, 2H).
1-24	¹ H NMR (500MHz, CDCl ₃) δ 1.41 (t, J=7.1Hz, 3H), 4.39 (q, J=7.1Hz, 2H), 5.24 (s, 2H), 6.75 (d, J=9.4Hz, 1H), 7.30-7.40 (5H), 7.42 (d, J=8.3Hz, 2H), 7.56 (d, J=2.6Hz, 1H), 7.66 (dd, J=2.6Hz and 9.4Hz, 1H), 8.06 (d, J=8.3Hz, 2H).
1-25	¹ H NMR (500MHz, CDCl ₃) δ 5.25 (s, 2H), 6.78 (d, J=9.5Hz, 1H), 7.31-7.41 (m, 5H), 7.46 (d, J=8.5Hz, 2H), 7.56 (d, J=2.6Hz, 1H), 7.63 (dd, J=9.5Hz, J=2.6Hz, 1H), 7.68 (d, J=8.4Hz, 2H).
1-27	¹ H NMR (500MHz, CDCl ₃) δ 5.26 (s, 2H), 6.81 (d, J=9.4Hz, 1H), 7.31-7.40 (5H), 7.56-7.60 (2H), 7.64-7.70 (2H), 8.15-8.18 (m, 1H), 8.22-8.25 (m, 1H).
1-28	¹ H NMR (500MHz, CDCl ₃) δ 0.28 (s, 9H), 5.23 (s, 2H), 6.73 (d, J=9.4Hz, 1H), 7.29-7.39 (7H), 7.48 (d, J=2.6Hz, 1H), 7.53-7.57 (2H), 7.63 (dd, J=2.6Hz and 9.4Hz, 1H).

Co.Nr	NMR-data
1-29	¹ H NMR (500MHz, CDCl ₃) δ 3.93 (s, 3H), 5.22 (s, 2H), 6.73 (d, J=9.4Hz, 1H), 6.77 (dd, J=8.6Hz, J=0.7Hz, 1H), 7.30-7.40 (m, 5H), 7.54 (m, 2H), 8.15 (dd, J=2.6Hz, J=0.7Hz, 1H).
1-30	¹ H NMR (500MHz, CDCl ₃) δ 5.25 (s, 2H), 6.57 (m, 1H), 6.75 (d, J=9.4Hz, 1H), 7.19 (dd, J=8.4Hz, J=2.6Hz, 1H), 7.24-7.39 (m, 6H), 7.42 (d, J=8.4Hz, 1H), 7.50 (q, J=2.6Hz, 1H), 7.62 (s, 1H), 7.70 (dd, J=9.4Hz, J=2.6Hz, 1H), 8.24 (s, 1H).
1-31	¹ H NMR (500MHz, CDCl ₃) δ 3.24 (t, J=8.7Hz, 2H), 4.61 (t, J=8.7Hz, 2H), 5.31 (s, 2H), 6.80 (d, J=8.3Hz, 1H), 6.90 (m, 1H), 7.10 (dd, J=8.2Hz, J=1.2Hz, 1H), 7.19 (s, 1H), 7.29-7.41 (m, 5H), 7.43 (d, J=2.8Hz, 1H), 7.62 (m, 1H).
1-32	¹ H NMR (500MHz, CDCl ₃) δ 5.28 (s, 2H), 6.79 (d, J=9.4Hz, 1H), 7.30-7.54 (m, 8H), 7.62 (d, J=2.6Hz, 1H), 7.78 (dd, J=9.4Hz, J=2.6Hz, 1H), 7.80-7.89 (m, 4H).
2-01	¹ H NMR (300 MHz, CDCl ₃) δ 1.07-1.43 (5H), 1.63-1.86 (5H), 2.13-2.28 (m, 1H), 5.08 (s, 2H), 6.58 (d, J=9.5Hz, 1H), 6.99 (d, J=2.6Hz, 1H), 7.20-7.25 (m, 2H), 7.26-7.30 (m, 2H), 7.31-7.33 (m, 1H).
2-02	¹ H NMR (500MHz, CDCl ₃) δ 5.15 (s, 2H), 6.52 (d, J=9.4Hz, 1H), 7.30 (m, 1H), 7.40 (m, 6H), 7.56 (d, J=8.2Hz, 2H), 7.85 (dd, J=9.4Hz, J=2.7Hz, 1H), 8.27 (q, J=2.7Hz, 1H).
2-03	¹ H NMR (500MHz, CDCl ₃) δ 2.37 (s, 3H), 5.18 (s, 2H), 6.70 (q, J=9.4Hz, 1H), 7.16-7.35 (m, 8H), 7.43 (d, J=2.4Hz, 1H), 7.62 (dd, J=9.4Hz, J=2.4Hz, 1H).
2-07	¹ H NMR (500MHz, CDCl ₃) δ 5.17 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 7.11-7.20 (m, 2H), 7.28-7.35 (m, 7H), 7.54 (d, J=2.5Hz, 1H).
2-08	¹ H NMR (300MHz, CDCl ₃) δ 5.10 (s, 2H), 6.65 (d, J=9.5Hz, 1H), 7.05 (m, 2H), 7.25 (m, 6H), 7.35 (d, J=2.0Hz, 1H), 7.50 (dd, J=2.8Hz, J=9.5Hz, 1H).
2-09	¹ H NMR (500MHz, CDCl ₃) δ 5.18 (s, 2H), 6.71 (d, J=10.0Hz, 1H), 6.99 (m, 2H), 7.09 (m, 1H), 7.32 (dd, J=10.0Hz, J=6.4Hz, 4H), 7.56 (s, 2H).
2-10	¹ H NMR (500MHz, CDCl ₃) δ 2.29 (s, 3H), 5.18 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 7.02 (t, J=11.7Hz, 2H), 7.20 (t, 8.3Hz, 1H), 7.32 (m, 4H), 7.44 (d, J=2.6Hz, 1H), 7.59 (dd, J=9.4Hz, J=2.7Hz, 1H).
2-12	¹ H NMR (300MHz, DMSO-d ⁶) δ 5.07 (s, 2H), 6.42 (d, J=9.9Hz, 1H), 6.62 (d, J=7.8Hz, 1H), 6.83 (s, 1H), 6.88 (d, J=8.4Hz, 1H), 7.21 (t, J=8.1Hz, 1H), 7.31 (s, 3H), 7.68 (q, J=11.7Hz, 1H), 8.11 (s, 1H), 9.44 (s, 1H).
2-14	¹ H NMR (300MHz, CDCl ₃) δ 4.50 (d, J=6.4Hz, 2H), 5.16 (s, 2H), 5.22 (t, J=4.3Hz, 1H), 6.51 (d, J=9.0Hz, 1H), 7.31-7.44 (m, 6H), 7.54 (d, J=9.0Hz, 2H), 7.86 (dd, J=10.7Hz, J=3.9Hz, 1H), 8.27 (d, J=2.3Hz, 1H).
2-15	¹ H NMR (300MHz, DMSO-d ⁶) δ 1.42 (s, 6H), 5.05 (s, 1H), 5.15 (s, 2H), 6.52 (d, J=9.7Hz, 1H), 7.32-7.43 (m, 4H), 7.43-7.52 (m, 3H), 7.84 (dd, J=1.8Hz, 9.5Hz, 1H), 8.22 (q, J=1.8Hz, 1H).
2-16	¹ H NMR (300MHz, DMSO-d ⁶) δ 1.64-1.77 (m, 2H), 2.61 (t, J=7.3Hz, 2H), 3.32-3.46 (m, 2H), 4.48 (t, J=5.1Hz, 1H), 5.15 (s, 2H), 6.52 (d, J=9.5Hz, 1H), 7.24 (q, J=8.1Hz, 2H), 7.35-7.44 (4H), 7.47 (d, J=8.1Hz, 2H), 7.83 (dd, J=2.6Hz, 9.5Hz, 1H), 8.23 (d, J=2.6Hz, 1H).
2-17	¹ H NMR (DMSO-d ⁶) δ 8.28(dd, 1H, J=2.5 Hz, J=9.4Hz); 7.84-7.81 (dd, 1H, J=2.5 Hz); 7.33 (m, 4H); 7.30 (m, 1H); 7.13 (m, 2H); 6.87 (d, 1H, J=9.4 Hz); 6.49 (m, 1H); 5.15 (s, 2H); 3.79 (s, 3H).
2-18	¹ H NMR (500MHz, CDCl ₃) δ 2.21 (s, 3H), 3.85 (s, 3H), 5.41 (s, 2H), 6.62 (d, J=9.3Hz, 1H), 6.93 (d, J=8.8Hz, 2H), 7.14 (m, 4H), 7.31 (m, 3H).
2-19	¹ H NMR (DMSO-d ⁶) δ 8.28 (dd, 1H, J=2.5Hz, J=9.4Hz); 7.84-7.81 (dd, 1H, J=2.5Hz); 7.33 (m, 4H); 7.30 (m, 1H); 7.13 (m, 2H); 6.87 (d, 1H, J=9.45 Hz); 6.49 (m, 1H); 5.15 (s, 2H); 4.13-4.09 (q, 2H), 1.55 (t, 3H).

Co.Nr	NMR-data
2-22	¹ H NMR (500MHz, CDCl ₃) δ 0.99 (t, J=7.4Hz, 3H), 1.31 (d, J=6.1Hz, 3H), 1.75 (p, J=6.3Hz, 2H), 4.31 (s, J=6.1Hz, 1H), 5.18 (s, 2H), 6.72 (d, J=9.4Hz, 1H), 6.92 (d, J=8.7Hz, 2H), 7.24-7.34 (m, 6H), 7.38 (d, J=2.6Hz, 1H), 7.60 (dd, J=2.6Hz, 9.4Hz, 1H).
2-23	¹ H NMR (500MHz, CDCl ₃) δ 3.43 (s, 3H), 4.49 (s, 2H), 5.18 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 7.26-7.41 (m, 8H), 7.48 (d, J=2.6Hz, 1H), J=2.6Hz, 1H).
2-24	¹ H NMR (500MHz, CDCl ₃) δ 3.42 (s, 3H), 4.48 (s, 2H), 5.19 (s, 2H), 6.72 (d, J=9.5Hz, 1H), 7.34 (m, 8H), 7.46 (d, J=2.2Hz, 1H), 7.63 (dd, J=9.4Hz, J=2.7Hz, 1H).
2-25	¹ H NMR (300 MHz, DMSO-d ⁶) δ 1.15 (t, J=6.9Hz, 3H), 3.47 (q, J=6.9Hz, 2H), 4.45 (s, 2H), 5.16 (s, 2H), 6.53 (d, J=9.6Hz, 1H), 7.32-7.40 (4H), 7.55 (d, J=8.4Hz, 2H), 7.85 (dd, J=2.7Hz and 9.3Hz, 1H), 8.28 (d, J=2.7Hz, 1H).
2-29	¹ H NMR (500MHz, CDCl ₃) δ 1.32 (t, J=7.1Hz, 3H), 4.29 (q, J=7.1Hz, 2H), 4.64 (s, 2H), 5.17 (s, 2H), 6.70 (d, J=9.4Hz, 1H), 6.94 (d, J=8.9Hz, 2H), 7.28-7.34 (m, 6H), 7.39 (d, J=2.6Hz, 1H), 7.58 (dd, J=2.7Hz, J=9.4Hz, 1H).
2-30	¹ H NMR (500MHz, DMSO-d ⁶) δ 2.58 (s, 3H), 5.17 (s, 2H), 6.55 (d, J=9.4Hz, 1H), 7.37-7.42 (4H), 7.74 (d, J=2.6Hz, 2H), 7.95 (dd, J=2.6Hz and 9.4Hz, 1H), 7.99 (d, J=8.6Hz, 2H), 8.45 (d, J=2.6Hz, 1H).
2-32	¹ H NMR (DMSO-d ⁶) δ 12.10 (s, 1H); 8.23 (dd, 1H, J=2.5Hz, J=9.4Hz); 7.84-7.81 (dd, 1H, J=2.5Hz); 7.48-7.47 (m, 2H); 7.39 (m, 4H); 7.27-7.26 (m, 2H); 6.52 (d, 1H, J=9.4Hz); 5.15 (s, 2H); 3.58 (s, 3H); 2.82 (m, 2H); 2.52 (m, 2H).
2-34	¹ H NMR (300MHz, CDCl ₃) δ 3.64 (s, 2H), 3.70 (s, 3H), 5.17 (s, 2H), 6.71 (d, J=9.5Hz, 1H), 7.28-7.35 (8H), 7.43 (d, J=2.6Hz, 1H), 7.61 (dd, J=2.8Hz and 9.5Hz, 1H).
2-35	¹ H NMR (500MHz, DMSO-d ⁶) δ 2.67 (t, J=8.0Hz, 2H), 2.87 (t, J=7.6Hz, 2H), 3.57 (s, 3H), 5.15 (s, 2H), 6.52 (d, J=9.4Hz, 1H), 7.15 (d, J=7.4Hz, 1H), 7.32 (t, J=7.6Hz, 1H), 7.36-7.41 (m, 5H), 7.44 (s, 1H), 7.85 (dd, J=2.7Hz, J=9.5Hz, 1H), 8.25 (d, J=2.6Hz, 1H).
2-36	¹ H NMR (DMSO-d ⁶) δ 8.23(dd, 1H, J=2.5Hz, J=9.4Hz); 7.84-7.81 (dd, 1H, J=2.5Hz); 7.48-7.47 (m, 2H); 7.39 (m, 4H); 7.27-7.26 (m, 2H); 6.52 (d, 1H, J=9.4 Hz); 5.15 (s, 2H); 3.58 (s, 3H) 2.82 (m, 2H); 2.52 (m, 2H).
2-42	¹ H NMR (300MHz, DMSO-d ⁶) δ 1.80 (s, 3H), 3.18-3.27 (m, 2H), 3.42 (t, J=6.0Hz, 2H), 4.48 (s, 2H), 5.16 (s, 2H), 6.52 (d, J=9.6Hz, 1H), 7.35-7.42 (6H), 7.56 (d, J=7.8Hz, 2H), 7.86 (dd, J=2.7Hz and 9.6Hz, 2H), 8.28 (d, J=2.7Hz, 1H).
2-44	¹ H NMR (300 MHz, DMSO-d ⁶) δ 2.56 (d, J=4.6Hz, 3H), 3.36 (s, 2H), 5.15 (s, 2H), 6.52 (d, J=9.5Hz, 1H), 7.29 (d, J=8.2Hz, 2H), 7.33-7.45 (4H), 7.49 (d, J=8.2Hz, 2H), 7.83 (dd, J=2.6Hz, 9.45Hz, 1H), 7.92-8.01 (m, 1H), 8.24 (d, J=2.6Hz, 1H).
2-50	¹ H NMR (400 MHz, CDCl ₃) δ 7.58 (dd, 1H, J=9.5, 2.6 Hz); 7.34 (d, 1H, J=2.6 Hz); 7.26-7.33 (m, 4H); 7.17 (d, 2H, J=8.7 Hz); 6.67 (d, 1H, J=9.5 Hz); 6.64 (d, 2H, J=8.4 Hz); 5.15 (s, 2H); 4.43 (s, 1H); 3.16 (t, 2H, J=5.8 Hz); 2.58 (t, 2H, J=5.8 Hz); 2.27 (s, 6H).
2-51	¹ H NMR (500MHz, DMSO-d ⁶) δ 3.99 (s, 2H), 5.13 (s, 2H), 6.48 (d, J=9.5Hz, 1H), 7.25 (d, J=8.4Hz, 2H), 7.35-7.40 (4H), 7.42 (d, J=8.4Hz, 2H), 7.80 (dd, J=2.7Hz and 9.5Hz, 1H), 8.21 (d, J=2.5Hz, 1H).
2-52	¹ H NMR (500MHz, CDCl ₃) δ 2.51 (s, 3H), 5.18 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 7.30 (m, 8H), 7.43 (d, J=2.6Hz, 1H), 7.61 (dd, J=9.4Hz, J=2.7Hz, 1H).
2-55	¹ H NMR (500MHz, DMSO-d ⁶) δ 3.00 (s, 3H), 5.16 (s, 2H), 6.54 (d, J=9.4Hz, 1H), 7.12-7.17 (m, 1H), 7.26-7.31 (m, 2H), 7.34-7.43 (5H), 7.74 (dd, J=2.6Hz and 9.4Hz, 1H), 8.19 (d, J=2.6Hz, 1H), 9.70-9.80 (br, s, 1H).

Cn.Nr	NMR-data
2-56	¹ H NMR (300MHz, DMSO-d ⁶) δ 2.88 (s, 3H), 3.76 (s, 3H), 5.08 (s, 2H), 6.44 (d, J=10.9Hz, 1H), 7.05 (d, J=10.9Hz, 1H), 7.27-7.35 (m, 3H), 7.42-7.60 (m, 3H), 7.68 (dd, J=3.5Hz, J=10.9Hz, 1H), 8.08 (d, J=3.5Hz, 1H), 8.94 (s, 1H).
2-57	¹ H NMR (500MHz, CDCl ₃) δ 1.45 (s, 9H), 5.12 (s, 2H), 6.09 (q, J=1.8Hz, 1H), 6.18 (t, J=3.3Hz, 1H), 6.60 (d, J=9.4Hz, 1H), 7.29-7.34 (m, 5H), 7.35 (dd, J=2.5Hz, J=9.4Hz, 1H).
2-58	¹ H NMR (500MHz, CDCl ₃) δ 5.13 (s, 2H), 5.32 (s, 2H), 6.66 (d, J=9.4Hz, 1H), 7.25 (m, 3H), 7.35 (m, 8H), 7.45 (dd, J=9.4Hz, J=2.6Hz, 1H), 7.59 (s, 1H).
2-59	¹ H NMR (500MHz, CDCl ₃) δ 5.15 (s, 2H), 6.46 (m, 1H), 6.68 (d, J=9.8Hz, 1H), 7.32 (m, 5H), 7.45 (t, 1.7Hz, 1H), 7.48 (dd, J=9.4Hz, J=2.6Hz, 1H), 7.55 (s, 1H).
2-62	¹ H NMR (500MHz, DMSO-d ⁶) δ 3.86 (s, 3H), 5.12 (s, 2H), 6.52 (d, J=9.4Hz, 1H), 6.87 (dd, J=0.6Hz and 8.6Hz, 1H), 7.37-7.41 (4H), 7.83 (dd, J=2.7Hz and 9.4Hz, 1H), 7.90 (dd, J=2.6Hz and 8.6Hz, 1H), 8.37 (d, J=2.5Hz, 1H), 8.37 (dd, J=0.6Hz and 2.6Hz, 1H).
2-67	¹ H NMR (500MHz, CDCl ₃) δ 5.20 (s, 2H), 6.58 (s, 1H), 6.76 (d, J=9.4Hz, 1H), 7.19 (d, J=1.8Hz, 1H), 7.34 (s, 5H), 7.44 (d, J=8.4Hz, 1H), 7.47 (s, 1H), 7.62 (s, 1H), 7.71 (qd, J=9.4Hz, J=2.6Hz, 1H), 8.30 (s, 1H).
2-68	¹ H NMR (500MHz, CDCl ₃) δ 3.82 (s, 3H), 5.20 (s, 2H), 6.50 (dd, J=3.1Hz, J=0.8Hz, 1H), 6.73 (d, J=9.4, 1H), 7.10 (d, J=3.1Hz, 1H), 7.21 (dd, J=8.5Hz, J=1.2Hz, 1H), 7.30-7.37 (m, 5H), 7.47 (d, J=2.2Hz, 1H), 7.60 (d, J=1.2Hz, 1H), 7.72 (dd, J=9.40Hz, J=2.20Hz, 1H).
2-69	¹ H NMR (DMSO-d ⁶) δ 8.13 (d, 1H, J= 2.8 Hz); 7.78-7.75 (dd, 1H, J= 2.8 Hz, J= 9.4 Hz); 7.43-7.39 (m, 5H); 7.27-7.25 (m, 1H); 6.78 (d, 1H, J= 9.4 Hz); 6.49-6.47 (m, 1H); 5.15 (m, 2H); 4.56-4.52 (m, 2H); 3.21-3.18 (m, 2H).
2-70	¹ H NMR (500MHz, CDCl ₃) δ 5.23 (s, 2H), 6.81 (d, J=9.4Hz, 1H), 7.35 (m, 4H), 7.60 (dd, J=8.2Hz, J=0.9Hz, 1H), 7.62 (d, J=2.7Hz, 1H), 7.72 (d, J=1.6Hz, 1H), 7.75 (dd, J=9.4Hz, J=2.7Hz, 1H), 7.84 (dd, J=8.2Hz, J=1.6Hz, 1H), 8.11 (d, J=2.3Hz, 1H), 8.20 (d, J=8.7Hz, 1H), 8.96 (d, J=2.3Hz, 1H).
2-72	¹ H NMR (300MHz, CDCl ₃) δ 5.15 (s, 2H), 6.72 (d, J=9.5Hz, 1H), 7.26 (m, 4H), 7.61 (d, J=2.6Hz, 1H), 7.71 (m, 2H), 8.01 (m, 1H), 8.07 (d, J=8.6Hz, 1H), 8.77 (d, J=6.2Hz, 2H)
3-01	¹ H NMR (500MHz, CDCl ₃) δ 7.33 (dd, 2H); 7.24 (dd, 2H); 7.14 (dd, 1H, J=2.6Hz, J=9.5Hz); 7.08 (dd, 2H); 7.01-6.98 (m, 3H); 6.57 (d, 1H, J=9.3Hz); 5.07 (s, 2H); 3.65 (s, 2H).
3-02	¹ H NMR (500MHz, CDCl ₃) δ 3.65 (s, 2H), 3.78 (s, 3H), 5.08 (s, 2H), 6.57 (d, J=9.3Hz, 1H), 6.63-6.66 (m, 1H), 6.70-6.73 (m, 1H), 6.76-6.80 (m, 1H), 7.02 (d, J=1.9Hz, 1H), 7.18 (dd, J=2.5Hz and 9.3Hz, 1H), 7.21-7.25 (3H), 7.32 (d, J=8.5Hz, 2H).
3-05	¹ H NMR (300MHz, CDCl ₃) δ 0.75 (t, J=7.0Hz, 3H), 1.15 (s, J=7.0Hz, 2H), 1.40 (q, J=7.1Hz, 2H), 2.21 (t, J=8.0Hz, 2H), 3.25 (s, 2H), 6.25 (d, J=9.2Hz, 1H), 7.20 (d, J=8.4Hz, 2H), 7.25 (dd, J=2.5Hz, J=9.2Hz, 1H), 7.30 (d, J=8.4Hz, 2H), 7.49 (d, J=2.5Hz, 1H).
3-07	¹ H NMR (500MHz, DMSO-d ⁶) δ 2.88 (s, 3H), 4.25 (s, 2H), 5.03 (s, 2H), 6.37 (d, J=9.3Hz, 1H), 6.61-6.66 (m, 1H), 6.75 (dd, J=0.9Hz and 8.8Hz, 2H), 7.11-7.17 (m, 2H), 7.21-7.25 (m, 2H), 7.30 (dd, J=2.6Hz and 9.3Hz, 1H), 7.33-7.38 (m, 2H), 7.67 (d, J=2.0Hz, 1H).
3-08	¹ H NMR (300MHz, DMSO-d ⁶) δ 2.03 (s, 3H), 3.23 (s, 2H), 3.44 (s, 2H), 5.06 (s, 2H), 6.42 (d, J=9.3Hz, 1H), 7.22-7.31 (m, 7H), 7.37-7.68 (m, 3H), 7.68 (s, 1H).
3-09	¹ H NMR (500MHz, CDCl ₃) δ 7.79 (d, 1H, J=2.5Hz); 7.41 (d, 2H); 7.37 (dd, 2H); 7.34 (d, 2H); 7.25 (dd, 1H, J=9.4Hz, J=2.6Hz); 7.15 (dd, 2H); 6.36 (d, 1H, J=9.4Hz); 5.92 (d, 1H, J=3.7Hz); 5.48 (d, 1H, J=6.2Hz, J=4.5Hz).

Co.Nr	NMR-data
3-10	¹ H NMR (500MHz, CDCl ₃) δ 2.13 (d, J=3.4Hz, 1H), 3.80 (s, 3H), 5.09 (s, 2H), 5.56 (d, J=3.5Hz, 1H), 6.57 (d, J=9.4Hz, 1H), 6.84-6.90 (3H), 7.22-7.35 (5H).
3-12	¹ H NMR (500MHz, CDCl ₃) δ 3.83 (s, 3H), 5.13 (s, 2H), 6.65 (d, J=9.6Hz, 1H), 7.11-7.17 (3H), 7.26-7.29 (m, 2H), 7.33-7.39 (3H), 7.89 (dd, J=2.6Hz and 9.6Hz, 1H), 9.7 (d, J=2.6Hz, 1H).
3-17	¹ H NMR (400 MHz, CDCl ₃) δ ppm 7.27-7.32 (m, 2H); 7.19-7.25 (m, 3H); 7.14-7.19 (m, 2H, J=8.3 Hz); 6.85-6.90 (m, 2H); 6.72 (d, 1H, J=3.1 Hz); 6.58 (d, 1H, J=9.7 Hz); 5.03 (s, 2H); 4.75 (s, 2H); 3.82 (s, 3H).
3-21	¹ H NMR (400 MHz, CDCl ₃) δ 3.24 (s, 3H), 5.02 (s, 2H), 5.56 (dd, J=2.7Hz and 7.7Hz, 1H), 5.74 (d, J=2.7Hz, 1H), 6.92 (d, J=7.7Hz, 1H), 7.07-7.12 (m, 2H), 7.13-7.18 (m, 2H), 7.23 (d, J=8.4Hz, 2H), 7.30 (d, J=8.4Hz, 2H).
4-01	¹ H NMR (300MHz, CDCl ₃) δ 0.39-0.46 (m, 2H), 0.60-0.67 (m, 2H), 1.23-1.38 (m, 1H), 3.84 (s, 3H), 3.87 (d, J=7.2Hz, 2H), 6.66 (d, J=9.5Hz, 1H), 6.96 (d, J=8.7Hz, 2H), 7.33 (d, J=8.7Hz, 2H), 7.51 (d, J=2.6Hz, 1H), 7.58 (dd, J=2.8Hz and 9.5Hz, 1H).
4-02	¹ H NMR (300MHz, CDCl ₃) δ 1.21-1.36 (m, 2H), 1.48-1.83 (6H), 2.37-2.50 (m, 1H), 3.84 (s, 3H), 3.94 (d, J=7.7Hz, 2H), 6.65 (d, J=9.5Hz, 1H), 6.95 (d, J=8.4Hz, 2H), 7.32 (d, J=8.4Hz, 2H), 7.39 (d, J=2.6Hz, 1H), 7.56 (dd, J=2.8Hz and 9.5Hz, 1H).
4-03	¹ H NMR (300MHz, CDCl ₃) δ 0.85-1.09 (m, 2H), 1.09-1.32 (m, 3H), 1.53-1.78 (m, 5H), 1.78-2.00 (m, 1H), 3.74 (d, J=7.3Hz, 2H), 3.77 (s, 3H), 6.57 (d, J=9.4Hz, 1H), 6.88 (d, J=8.7Hz, 2H), 7.29-7.35 (3H), 7.49 (dd, J=2.7Hz, 9.4Hz, 1H).
4-06	¹ H NMR (500MHz, CDCl ₃) δ 2.34 (s, 3H), 3.83 (s, 3H), 5.17 (s, 2H), 6.70 (d, J=9.3Hz, 1H), 6.92 (d, J=8.8Hz, 2H), 7.16 (d, J=7.8Hz, 2H), 7.23-7.29 (m, 4H), 7.40 (d, J=2.6, 1H), 7.57 (dd, J=9.3Hz, 1H).
4-07	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.16 (s, 2H), 6.70 (d, J=10.0Hz, 1H), 6.94 (d, J=13.0Hz, 2H), 7.10 (t, J=9.0Hz, 2H), 7.16 (t, J=9.0Hz, 1H), 7.27 (m, 3H), 7.38 (d, J=4.0Hz, 1H), 7.59 (dd, J=1.5Hz, J=9.0Hz, 1H).
4-08	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.25 (s, 2H), 6.67 (d, J=9.4Hz, 1H), 6.93-6.96 (m, 2H), 7.06-7.16 (2H), 7.28-7.33 (3H), 7.47-7.52 (m, 1H), 7.53-7.55 (m, 1H), 7.58 (dd, J=2.6Hz and 9.4Hz, 1H).
4-09	¹ H NMR (500MHz, CDCl ₃) δ 3.83 (s, 3H), 5.21 (s, 2H), 6.72 (d, J=9.4Hz, 1H), 6.94 (d, J=8.8Hz, 2H), 7.01 (m, 1H), 7.04 (d, J=9.5Hz, 1H), 7.12 (d, J=8.2Hz, 1H), 7.29 (d, J=8.8Hz, 2H), 7.32 (m, 1H), 7.39 (d, J=2.6Hz, 1H), 7.61 (dd, J=9.4Hz, J=2.6Hz, 1H).
4-10	¹ H NMR (500MHz, CDCl ₃) δ 3.83 (s, 3H), 5.18 (s, 2H), 6.70 (d, J=9.4Hz, 1H), 6.94 (d, J=8.8Hz, 2H), 7.04 (m, 2H), 7.28 (d, J=8.8Hz, 2H), 7.35 (m, 2H), 7.40 (d, J=2.7Hz, 1H), 7.59 (dd, J=9.4Hz, J=2.7, 1H).
4-11	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.15 (s, 2H), 6.71 (d, J=9.4, 1H), 6.95 (d, J=8.8Hz, 2H), 7.07-7.22 (m, 3H), 7.29 (d, J=8.8Hz, 2H), 7.39 (d, J=2.6Hz, 1H), 7.61 (dd, J=9.4Hz, J=2.6Hz, 1H).
4-12	¹ H NMR (500MHz, CDCl ₃) δ 3.76 (s, 3H), 5.16 (s, 2H), 6.48 (d, J=9.4Hz, 1H), 6.96-7.01 (m, 2H), 7.02-7.08 (m, 1H), 7.22-7.30 (2H), 7.45-7.50 (m, 2H), 7.81 (dd, J=2.7Hz and 9.4Hz, 1H), 8.08 (d, J=2.7Hz, 1H).
4-13	¹ H NMR (500MHz, CDCl ₃) δ 3.76 (s, 3H), 5.24 (s, 2H), 6.50 (d, J=9.4Hz, 1H), 6.93-7.01 (3H), 7.13-7.19 (m, 1H), 7.32-7.39 (m, 1H), 7.47-7.51 (m, 2H), 7.83 (dd, J=2.7Hz and 9.4Hz, 1H), 8.12 (d, J=2.7Hz, 1H).
4-14	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.14 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 6.95 (d, J=8.8Hz, 2H), 7.10-7.14 (m, 1H), 7.23-7.27 (m, 1H), 7.30 (d, J=8.8Hz, 2H), 7.39 (d, J=2.5Hz, 1H), 7.42 (dd, J=2.1Hz, 6.9Hz, 1H), 7.61 (dd, J=2.6Hz, 9.4Hz, 1H).

Co.Nr	NMR-data
4-15	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.16 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 6.95 (d, J=8.7Hz, 2H), 7.09 (d, J=8.2Hz, 1H), 7.15 (dd, J=2.6Hz, 1H).
4-16	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.19 (s, 2H), 6.66 (d, J=9.4Hz, 1H), 6.95 (d, J=8.8Hz, 2H), 7.13 (m, 2H), 7.31 (d, J=8.8Hz, 2H), 7.49 (dd, J=8.6Hz, J=8.0Hz, 1H), 7.52 (m, 1H), 7.59 (dd, J=9.4Hz, J=2.6Hz, 1H).
4-17	¹ H NMR (500MHz, CDCl ₃) δ 3.77 (s, 3H), 5.15 (s, 2H), 6.40 (d, J=9.4Hz, 1H), 6.97-7.02 (m, 2H), 7.14-7.22 (m, 2H), 7.42-7.49 (m, 2H), 7.77 (dd, J=2.7Hz and 9.4Hz, 1H), 8.09 (s, 1H).
4-20	¹ H NMR (500MHz, CDCl ₃) δ 3.83 (s, 3H), 5.17 (s, 2H), 6.70 (d, J=9.4Hz, 1H), 6.94 (d, J=8.8Hz, 2H), 7.28 (d, J=8.8Hz, 2H), 7.29-7.35 (m, 4H), 7.38 (d, J=2.6Hz, 1H), 7.59 (dd, J=9.4Hz, J=2.6Hz, 1H).
4-21	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.17 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 6.95 (m, 2H), 7.20 (dd, J=2.1Hz, J=8.3Hz, 1H), 7.30 (m, 2H), 7.38 (d, J=2.6Hz, 1H), 7.42 (d, J=8.3Hz, 1H), 7.45 (d, J=2.1Hz, 1H), 7.61 (dd, J=2.6Hz, J=9.4Hz, 1H).
4-22	¹ H NMR (500MHz, CDCl ₃) δ 3.80 (s, 3H), 3.83 (s, 3H), 5.19 (s, 2H), 6.70 (d, J=9.4Hz, 1H), 6.85 (dd, J=2.4Hz, J=7.67Hz, 1H), 6.83-6.95 (m, 4H), 7.26-7.29 (m, 3H), 7.40 (d, J=2.5, 1H), 7.58 (dd, J=2.7Hz, J=9.4Hz, 1H).
4-23	¹ H NMR (500MHz, CDCl ₃) δ 3.80 (s, 3H), 3.83 (s, 3H), 5.15 (s, 2H), 6.69 (d, J=9.4Hz, 1H), 6.89 (d, J=8.6Hz, 2H), 6.92 (d, J=8.8Hz, 2H), 7.27 (d, J=8.8Hz, 2H), 7.31 (d, J=8.6Hz, 2H), 7.40 (d, J=2.6Hz, 1H), 7.56 (dd, J=9.4Hz, J=2.6Hz).
4-25	¹ H NMR (300 MHz, CDCl ₃) δ 3.25 (s, 3H), 3.77 (s, 3H), 4.36 (s, 2H), 5.15 (s, 2H), 6.50 (d, J=9.3Hz, 1H), 6.98 (d, J=9.0Hz, 2H), 7.25-7.39 (m, 4H), 7.49 (d, J=9.0Hz, 2H), 7.80 (dd, J=2.7Hz and 9.6Hz, 1H), 8.15 (d, J=2.7Hz, 1H).
4-26	¹ H NMR (300MHz, DMSO-d ₆) δ 1.11 (t, J=7.1Hz, 3H), 3.45 (q, J=7.1Hz, 2H), 3.68 (s, 3H), 4.40 (s, 2H), 5.15 (s, 2H), 6.50 (d, J=9.5Hz, 1H), 6.97 (d, J=9.0Hz, 2H), 7.32 (q, J=8.2Hz, 4H), 7.50 (d, J=8.7Hz, 2H), 7.80 (dd, J=2.8Hz, J=9.5Hz, 1H), 8.15 (d, J=2.6Hz, 1H).
4-27	¹ H NMR (500MHz, CDCl ₃) δ 3.83 (s, 3H), 3.92 (s, 3H), 5.29 (s, 2H), 6.72 (d, J=9.7Hz, 1H), 6.93 (d, J=8.8Hz, 2H), 7.29 (s, 2H), 7.40 (m, 3H), 7.62 (dd, J=2.8Hz, J=9.7Hz, 1H), 8.03 (d, J=8.3Hz, 2H).
4-28	¹ H NMR (300MHz, CDCl ₃) δ 2.28 (s, 3H), 3.82 (s, 3H), 5.19 (s, 2H), 6.69 (d, J=9.5Hz, 1H), 6.92 (d, J=8.2Hz, 2H), 7.07 (d, J=8.2Hz, 2H), 7.23-7.30 (m, 2H), 7.34-7.36 (m, 1H), 7.36-7.43 (m, 2H), 7.58 (dd, J=2.8Hz and 9.5Hz, 1H).
4-30	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.26 (s, 2H), 6.72 (d, J=9.4Hz, 1H), 6.95 (d, J=8.8Hz, 2H), 7.30 (d, J=8.8Hz, 2H), 7.39 (d, J=2.6Hz, 1H), 7.44 (d, J=8.5Hz, 2H), 7.62 (d, J=2.6, 1H), 7.65 (m, 2H).
4-31	¹ H NMR (500MHz, CDCl ₃) δ 3.76 (s, 3H), 5.17 (s, 2H), 6.50 (d, J=9.4Hz, 1H), 6.97 (d, J=8.8Hz, 2H), 7.33 (d, J=8.0Hz, 2H), 7.45-7.51 (4H), 7.80 (dd, J=2.7Hz and 9.4Hz, 1H), 8.19 (d, J=2.7Hz, 1H).
4-32	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.30 (s, 2H), 6.72 (d, J=9.4Hz, 1H), 6.95 (m, 2H), 7.31 (m, 2H), 7.44 (d, J=2.4Hz, 1H), 7.55 (t, J=7.9Hz, 1H), 7.64 (dd, J=2.6Hz, J=9.5Hz, 1H), 7.73 (d, J=7.7Hz, 1H), 8.18 (m, 2H).
4-34	¹ H NMR (500MHz, CDCl ₃) δ 3.85 (s, 3H), 5.27 (s, 2H), 6.68 (d, J=9.4Hz, 1H), 6.96 (d, J=8.8Hz, 2H), 7.32 (d, J=6.7Hz, 2H), 7.37 (d, J=9.9Hz, 1H), 7.42 (d, J=8.0Hz, 1H), 7.53 (s, 1H), 7.62 (m, 2H).
4-35	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.24 (s, 2H), 6.73 (d, J=9.5Hz, 1H), 6.95 (d, J=8.8Hz, 2H), 7.19 (m, 2H), 7.31 (d, J=8.8Hz, 2H), 7.40 (d, J=2.5Hz, 1H), 7.59 (t, J=7.6Hz, 1H), 7.64 (dd, J=2.6Hz, J=9.5Hz, 1H).

Co.Nr	NMR-data
4-36	¹ H NMR (500MHz, CDCl ₃) δ 1.57 (s, 3H), 3.84 (s, 3H), 5.28 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 6.92 (d, J=8.8Hz, 2H), 7.29 (d, J=8.8Hz, 1H), 7.40 (d, J=2.5Hz, 1H), 7.46 (d, J=8.1Hz, 2H), 7.62 (m, 3H).
4-37	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.20 (s, 2H), 6.72 (d, J=9.5Hz, 1H), 6.96 (m, 2H), 7.30 (m, 2H), 7.40 (d, J=2.6Hz, 1H), 7.49 (s, 2H), 7.63 (dd, J=2.6Hz, 9.4Hz, 1H), 7.68 (s, 1H).
4-38	¹ H NMR (500MHz, CDCl ₃) δ 3.81 (s, 3H), 5.39 (s, 2H), 6.75 (d, J=9.4Hz, 1H), 6.91 (d, J=8.8Hz, 2H), 7.25 (s, 2H), 7.45 (d, J=2.6Hz, 1H), 7.47 (d, J=1.7Hz, 1H), 7.49 (m, 2H), 7.60 (dd, J=2.6Hz, J=9.4Hz, 1H), 7.79 (s, 1H), 7.83 (m, 3H).
4-39	¹ H NMR (300MHz, DMSO) δ 3.70 (s, 3H), 5.16 (s, 2H), 6.43 (d, J=9.5Hz, 1H), 6.52 (d, J=3.1Hz, 1H), 6.91 (d, J=8.8Hz, 2H), 7.10 (m, 1H), 7.40 (d, J=8.8Hz, 2H), 7.74 (dd, J=9.5Hz, J=2.5Hz, 1H), 8.05 (d, J=2.5Hz, 1H).
4-41	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.41 (s, 2H), 6.73 (d, J=9.5Hz, 1H), 6.95 (d, J=8.7Hz, 2H), 7.35 (d, J=8.7Hz, 2H), 7.52 (m, 2H), 7.60 (m, 2H), 7.64 (dd, J=9.5Hz, J=2.6Hz, 1H), 8.12 (m, 2H).
4-42	¹ H NMR (500MHz, CDCl ₃) δ 3.85 (s, 3H), 5.46 (s, 2H), 6.73 (d, J=9.5Hz, 1H), 6.98 (d, J=8.8Hz, 2H), 7.13-7.18 (m, 2H), 7.36 (d, J=8.8Hz, 2H), 7.53 (d, J=2.3Hz, 1H), 7.68 (dd, J=9.5Hz and 2.3Hz, 1H), 8.05-8.08 (m, 2H).
4-43	¹ H NMR (500MHz, CDCl ₃) δ 3.83 (s, 3H), 5.22 (s, 2H), 6.70 (d, J=9.4Hz), 6.94 (d, J=8.8Hz, 2H), 7.29 (d, J=8.8Hz, 2H), 7.31 (m, 1H), 7.42 (d, J=2.6Hz, 1H), 7.60 (dd, J=9.4Hz, J=2.6Hz, 1H), 7.75 (dd, J=7.9Hz, J=1.2Hz, 1H), 8.57 (dd, J=4.7Hz, J=1.2, 1H), 8.65 (s, 1H).
4-44	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.18 (s, 2H), 6.70 (d, J=9.4Hz, 1H), 6.95 (d, J=8.8Hz, 2H), 7.29 (d, J=8.8Hz, 2H), 7.32 (d, J=8.3Hz, 1H), (d, J=2.6Hz, 1H), 7.61 (dd, J=9.4Hz, J=2.6Hz, 1H), 7.75 (dd, J=8.3Hz, J=2.3Hz, 1H), 8.43 (d, J=2.3Hz, 1H).
4-45	¹ H NMR (400 MHz, CDCl ₃) δ 8.53 (d, 1H, J=2.1 Hz); 7.66 (dd, 1H, J=8.0, 2.4 Hz); 7.58 (dd, 1H, J=9.5, 2.7 Hz); 7.42 (d, 1H, J=2.3 Hz); 7.25-7.30 (m, 2H); 7.15 (d, 1H, J=7.9 Hz); 6.90-6.95 (m, 2 H); 6.69 (d, 1H, J=9.5 Hz); 5.18 (s, 2H); 3.83 (s, 3H); 2.81 (q, 2H, J=7.7 Hz); 1.29 (t, 3H, J=7.6 Hz).
4-46	¹ H NMR (500MHz, DMSO-d ⁶) δ 3.76 (s, 3H), 3.80 (s, 3H), 5.08 (s, 2H), 6.47 (d, J=9.4Hz, 1H), 6.78 (dd, J=0.4Hz and 8.5Hz, 1H), 7.51 (m, 2H), 7.74-7.76 (m, 1H), 7.76-7.79 (m, 1H), 8.20 (d, J=2.5Hz, 1H), 8.26 (d, J=2.1Hz, 1H).
4-47	¹ H NMR (500MHz, CDCl ₃) δ 3.76 (s, 3H), 5.27 (s, 2H), 6.51 (d, J=9.4Hz, 1H), 6.98 (d, J=6.7Hz, 2H), 7.51 (d, J=6.7Hz, 2H), 7.83 (dd, J=2.7Hz and 9.4Hz, 1H), 7.88 (d, J=8.2Hz, 1H), 8.00 (dd, J=1.7Hz and 8.2Hz, 1H), 8.28 (d, J=2.5Hz, 1H), 8.81 (d, J=1.7Hz, 1H).
4-50	¹ H NMR (300MHz, CDCl ₃) δ 2.47 (s, 3H), 3.75 (s, 3H), 5.18 (s, 2H), 6.57 (d, J=9.5Hz, 1H), 6.85-6.88 (m, 2H), 7.23-7.28 (m, 2H), 7.50-7.59 (m, 2H), 8.30 (s, 1H), 8.58 (s, 1H).
4-51	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.46 (s, 2H), 6.74 (d, J=9.5Hz, 1H), 6.96 (d, J=8.8Hz, 2H), 7.05-7.12 (m, 1H), 7.35 (d, J=8.8Hz, 2H), 7.40 (dd, J=8.3Hz and 2.6Hz, 1H), 7.46 (dd, J=9.1Hz and 4.2Hz, 1H), 7.58 (d, J=2.6Hz, 1H), 7.66 (dd, J=9.5Hz and 2.6Hz, 1H).
4-53	¹ H NMR (500MHz, CDCl ₃) δ 3.83 (s, 3H), 5.59 (s, 2H), 6.73 (d, J=9.4Hz, 1H), 6.94 (d, J=8.8Hz, 2H), 7.32 (d, J=8.3Hz, J=8.3Hz, J=1.1Hz, 1H), 7.49 (ddd, J=8.3Hz, J=8.3Hz, J=1.1Hz, 1H).
4-54	¹ H NMR (300MHz, CDCl ₃) δ 3.76 (s, 3H), 5.52 (s, 2H), 6.66 (d, J=9.4Hz, 1H), 6.86 (d, J=8.8Hz, 2H), 7.11 (m, 1H), 7.25 (d, J=8.8Hz, 2H), 7.29 (m, 1H), 7.56 (m, 1H), 7.58 (m, 1H), 7.61 (m, 1H).

Cs.Nr	NMR-data
5-01	¹ H NMR (500MHz, CDCl ₃) δ 7.32 (dd, 1H, J=7.9Hz); 7.21 (dd, 1H, J=9.3Hz, J=2.5Hz); 7.00 (dd, 1H, J=9.1Hz, J=2.0Hz); 6.96 (dd, 2H); 6.90 (dd, 1H); 6.80-6.77 (m, 3H); 6.58 (d, 1H, J=9.3Hz); 4.98 (s, 2H); 3.74 (s, 3H); 5.05 (s, 2H), 3.73 (s, 3H), 5.05 (s, 2H), 6.65 (d, J=9.2Hz, 1H), 6.78 (d, J=8.1Hz, 2H), 6.96-7.23 (m, 6H), 7.37 (t, J=7.3Hz, 1H).
5-02	¹ H NMR (300MHz, CDCl ₃) δ 3.60 (s, 2H), 3.73 (s, 3H), 5.05 (s, 2H), 6.65 (d, J=9.2Hz, 1H), 6.78 (d, J=8.1Hz, 2H), 6.96-7.23 (m, 6H), 7.37 (t, J=7.3Hz, 1H).
5-03	¹ H NMR (500MHz, CDCl ₃) δ 1.49 (m, 4H), 2.28 (t, J=8.3Hz, 2H), 2.50 (t, J=8.4Hz, 2H), 3.69 (s, 3H), 5.00 (s, 2H), 6.45 (d, J=9.4Hz, 1H), 6.73 (d, J=8.0Hz, 2H), 6.97-7.23 (m, 6H), 7.32 (t, J=8.4Hz, 1H).
5-05	¹ H NMR (500MHz, CDCl ₃) δ 1.78 (d, J=7.09Hz, 3H), 3.81 (s, 3H), 6.52 (q, J=7.09Hz, 1H), 6.70 (d, J=9.4Hz, 1H), 6.90 (d, J=8.8Hz, 2H), 7.19 (d, J=8.8Hz, 2H), 7.23 (d, J=2.6Hz, 1H), 7.30-7.41 (m, 5H), 7.54 (dd, J=9.4Hz, J=2.6Hz, 1H).
5-07	¹ H NMR (500MHz, CDCl ₃) δ 2.51 (d, J=7.7Hz, 2H), 2.74 (t, J=7.8Hz, 2H), 3.85 (s, 3H), 4.03 (t, J=7.5Hz, 2H), 6.66 (d, J=9.4Hz, 1H), 6.96 (d, J=8.7Hz, 2H), 7.22 (m, 3H), 7.31 (m, 5H), 7.58 (dd, J=9.4Hz, J=2.7Hz, 1H).
5-08	¹ H NMR (300MHz, DMSO) δ 0.82 (t, J=7.4Hz, 3H), 1.21 (m, 2H), 1.56 (m, 2H), 3.68 (s, 3H), 3.84 (t, J=7.3Hz, 2H), 6.35 (d, J=9.4Hz, 1H), 6.89 (d, J=8.8Hz, 2H), 7.40 (d, J=8.8Hz, 2H), 7.66 (dd, J=9.4Hz, J=2.7Hz, 1H), 7.88 (d, J=2.7Hz, 1H).
5-09	¹ H NMR (500MHz, CDCl ₃) δ 1.58 (m, 2H), 1.85 (m, 4H), 2.73 (t, J=7.1Hz, 2H), 3.87 (s, 3H), 4.38 (t, J=6.3Hz, 2H), 6.78 (d, J=8.8Hz, 1H), 6.98 (d, J=8.8Hz, 2H), 7.26 (m, 3H), 7.46 (d, J=8.8Hz, 2H), 7.75 (dd, J=8.6Hz, J=2.6Hz, 1H), 8.33 (d, J=2.5Hz, 1H).
5-10	¹ H NMR (300MHz, CDCl ₃) δ 0.90 (d, J=6.69Hz, 6H), 2.16 (m, 1H), 3.73 (d, J=7.4Hz, 2H), 3.77 (s, 3H), 6.57 (d, J=9.4Hz, 1H), 6.88 (d, J=8.7Hz, 2H), 7.25 (d, J=8.7Hz, 2H), 7.27 (d, J=2.6Hz, 1H), 7.49 (dd, J=9.4Hz, J=2.6Hz, 1H).
5-11	¹ H NMR (300MHz, CDCl ₃) δ 0.91 (t, J=6.7Hz, 3H), 1.30-1.43 (m, 4H), 1.73-1.85 (m, 2H), 3.84 (s, 3H), 3.93-4.02 (m, 2H), 6.64 (d, J=9.2Hz, 1H), 6.95 (d, J=8.5Hz, 2H), 7.32 (d, J=8.5Hz, 2H), 7.39 (d, J=2.6Hz, 1H), 7.56 (dd, J=2.8Hz and 9.5Hz, 1H).
5-13	¹ H NMR (300MHz, CDCl ₃) δ 0.91 (d, J=6.2Hz, 6H), 1.61 (m, 3H), 3.77 (s, 3H), 3.93 (t, J=7.4Hz, 2H), 6.56 (d, J=9.4Hz, 1H), 6.88 (d, J=8.7Hz, 2H), 7.25 (d, J=8.7Hz, 2H), 7.31 (d, J=2.6Hz, 1H), 7.48 (dd, J=9.4Hz, J=2.6Hz, 1H).
5-16	¹ H NMR (300MHz, CDCl ₃) δ 1.99 (3H), 2.20 (td, J=6.8Hz, J=2.6Hz, 2H), 3.77 (s, 3H), 4.06 (t, J=6.8Hz, 2H), 6.57 (d, J=9.4Hz, 1H), 6.88 (d, J=8.6Hz, 2H), 7.26 (d, J=8.6Hz, 2H), 7.41 (d, J=2.6Hz, 1H), 7.51 (dq, J=9.4, J=2.6Hz, 1H).
5-17	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.95 (s, 2H), 6.66 (d, J=9.4Hz, 1H), 6.95 (d, J=8.8Hz, 2H), 7.04 (d, J=9.1Hz, 2H), 7.26 (m, 2H), 7.31 (d, m, 2H), 7.32-7.35 (m, 2H), 7.59-7.62 (m, 2H).
5-18	¹ H NMR (500MHz, CDCl ₃) δ 2.77 (s, 3H), 3.77 (s, 3H), 4.52 (s, 2H), 4.92 (d, J=9.6Hz, 1H), 6.48 (d, J=9.6Hz, 2H), 6.67 (d, J=10.1Hz, 1H), 6.87-6.90 (m, 2H), 6.95-6.99 (m, 3H), 7.25-7.30 (d, J=7.6Hz, 2H), 7.40 (m, 1H), 7.48 (d, J=8.7Hz, 2H), 7.80 (dd, J=9.6Hz, J=2.9Hz, 1H), 7.96 (d, J=2.9Hz, 1H).
5-20	¹ H NMR (500MHz, CDCl ₃) δ 3.0 & 3.08 (s, 3H), 3.84 (s, 3H), 4.59 & 4.85 (s, 2H), 4.69-4.82 (s, 2H), 6.65-6.70 (d, J=9.4Hz, 1H), 6.95 (d, J=8.6Hz, 2H), 7.02 (dd, J=8.6Hz, J=1.9Hz, 2H), 7.09 (m, 1H), 7.22-7.31 (m, 2H), 7.34 (m, 2H), 7.47 (d, J=2.2Hz, 1H), 7.63-7.66 (dd, J=9.4Hz, J=2.2Hz, 1H).
5-22	

Co.Nr	NMR-data
5-23	¹ H NMR (500MHz, DMSO) mixture 2:1 of isomers δ 2.81 (s, 3Hb), 3.06 (s, 3Ha), 3.77 (s, 3Ha, 3Hb), 4.62 (s, 2Ha), 4.79 (s, 2Hb), 4.90 (s, 2Hb), 4.94 (s, 2Ha), 6.44-6.49 (m, 1Ha, 1Hb), 6.99 (d, J=8.8Hz, 2Ha, 2Hb), 7.45-7.49 (m, 4Ha, 4Hb), 7.60-7.63 (m, 1Hb), 7.70 (d, J=8.1Hz, 2Ha), 7.75-7.80 (m, 1Hb), 7.81 (dd, J=2.7Hz and 9.4Hz, 1Ha, 1Hb), 7.94-7.97 (m, 1Ha, 1Hb).
5-24	¹ H NMR (500MHz, CDCl ₃) mixture 2:1 of isomers δ 2.79 (s, 3Hb), 3.05 (s, 3Ha), 3.77 (s, 3Ha, 3Hb), 4.54 (s, 2Ha), 4.93 (s, 2Ha), 6.47 (d, J=9.5Hz, 1Hb), 6.49 (d, J=9.5Hz, 1Ha), 7.00 (d, J=8.5Hz, 2Ha, 2Hb), 7.23 (d, J=7.6Hz, 1Ha), 7.30-7.35 (m, 2Ha, 2Hb), 7.35-7.41 (m, 1Ha, 2Hb), 7.41-7.51 (m, 2Ha, 2Hb), 7.82 (dd, J=2.8Hz and 9.5Hz, 1Ha, 1Hb), 7.96 (d, J=2.5Hz, 1Hb), 7.98 (d, J=2.5Hz, 1Hb).
5-25	¹ H NMR (500MHz, DMSO) mixture 2:1 of isomers δ 2.78 (s, 3Hb), 3.02 (s, 3Ha), 3.73 (s, 3Ha), 3.77 (s, 3Ha, 3Hb), 3.79 (s, 2Ha), 4.50 (s, 2Ha), 4.63 (s, 2Hb), 4.93 (s, 2Ha, 2Hb), 6.43-6.49 (m, 1Ha, 1Hb), 6.77-6.90 (m, 3Ha, 3Hb), 6.95-7.03 (m, 2Ha, 2Hb), 7.22-7.26 (m, 1Ha), 7.29-7.33 (m, 1Hb), 7.44-7.50 (m, 2Ha, 2Hb), 7.81 (dd, J=2.1Hz and 9.4Hz, 1Ha, 1Hb), 7.93-7.97 (m, 1Ha, 1Hb).
6-04	¹ H NMR (500MHz, CDCl ₃) δ 2.38 (s, 3H), 5.21 (s, 2H), 6.72 (d, J=9.4Hz, 1H), 7.00 (dd, J=8.3Hz, J=2.5Hz, 1H), 7.04 (ddd, J=9.6Hz, J=2.3Hz, J=1.7Hz, 1H), 7.12 (dd, J=7.7Hz, J=0.6Hz, 1H), 7.21 (d, J=8.0Hz, 2H), 7.26 (d, J=8.0Hz, 2H), 7.32 (m, 1H), 7.44 (d, J=2.6Hz, 1H), 7.63 (dd, J=9.4Hz, J=2.6Hz, 1H).
6-10	¹ H NMR (500MHz, CDCl ₃) δ 3.85 (s, 3H), 5.15 (s, 2H), 6.71 (d, J=9.4Hz, 1H), 6.86-6.91 (2H), 6.94-6.97 (m, 1H), 7.07-7.11 (m, 1H), 7.11-7.16 (m, 1H), 7.16-7.23 (m, 1H), 7.31-7.36 (m, 1H), 7.46 (d, J=2.6Hz, 1H), 7.63 (dd, J=2.6Hz and 9.4Hz, 1H).
6-11	¹ H NMR (500MHz, CDCl ₃) δ 3.41 (s, 3H), 4.48 (s, 2H), 5.16 (s, 2H), 6.72 (d, J=9.4Hz, 1H), 7.07-7.23 (3H), 7.34-7.42 (4H), 7.46 (d, J=2.6Hz, 1H), 7.65 (dd, J=2.6Hz and 9.4Hz, 1H).
6-14	¹ H NMR (500MHz, DMSO-d ⁶) δ 2.98 (s, 3H), 5.12 (s, 2H), 6.51 (d, 9.5Hz, 1H), 7.24 (d, J=8.7Hz, 3H), 7.39-7.62 (m, 4H), 7.81 (dd, J=2.7Hz, J=9.5Hz, 1H), 8.23 (d, J=2.6Hz, 1H).
6-15	¹ H NMR (500MHz, CDCl ₃) δ 5.12 (s, 2H), 6.51 (d, J=9.4Hz, 1H), 7.08 (dd, J=3.6Hz and 5.1Hz, 1H), 7.18-7.23 (m, 1H), 7.32 (dd, J=1.2Hz and 3.6Hz, 1H), 7.38-7.43 (m, 1H), 7.44-7.49 (2H), 7.77 (dd, J=2.7Hz and 9.5Hz, 1H), 8.24 (d, J=2.5Hz, 1H).
6-16	¹ H NMR (500MHz, CDCl ₃) δ 3.84 (s, 3H), 5.11 (s, 2H), 6.52 (d, J=9.4Hz, 1H), 6.88 (d, J=8.6Hz, 1H), 7.22-7.26 (m, 1H), 7.36-7.43 (m, 1H), 7.83 (dd, J=2.7Hz and 9.4Hz, 1H), 7.91 (dd, J=2.6Hz and 8.6Hz, 1H), 8.26 (d, J=2.6Hz, 1H), 8.38 (d, J=2.7Hz, 1H).
6-17	¹ H NMR (500MHz, CDCl ₃) δ 3.25 (t, J=8.7Hz, 2H), 4.62 (t, J=8.7Hz, 2H), 5.15 (s, 2H), 6.70 (d, J=9.4Hz, 1H), 6.82 (d, J=8.3Hz, 1H), 7.07-7.16 (3H), 7.16-7.22 (2H), 7.36 (d, J=2.6Hz, 1H), 7.59 (dd, J=2.6Hz and 9.4Hz, 1H).
6-19	¹ H NMR (500MHz, CDCl ₃) δ 5.26 (s, 2H), 6.61 (d, J=9.5Hz, 1H), 7.22-7.25 (m, 1H), 7.41-7.45 (m, 1H), 7.50-7.54 (m, 1H), 7.56-7.60 (m, 1H), 7.96 (d, J=7.7Hz, 1H), 8.11 (dd, J=2.7Hz and 9.5Hz, 1H), 8.11-8.13 (m, 1H), 8.81 (d, J=2.6Hz, 1H).
6-22	¹ H NMR (300MHz, DMSO-d ⁶) δ 5.19 (s, 2H), 6.47-6.54 (m, 2H), 6.64-6.70 (m, 2H), 7.01-7.10 (m, 1H), 7.14-7.23 (m, 1H), 7.28 (dd, J=2.0Hz and 8.5Hz, 1H), 7.46 (dd, J=2.0Hz and 10.2Hz, 1H), 7.73 (dd, J=2.6Hz and 9.5Hz, 1H), 8.03 (d, J=2.6Hz, 1H).
6-23	¹ H NMR (300MHz, DMSO-d ⁶) δ 3.10-3.70 (br s, 3H), 5.19 (s, 2H), 6.53 (d, J=9.5Hz, 1H), 7.16-7.24 (m, 1H), 7.24-7.37 (3H), 7.46 (dd, J=1.8Hz and 10.2Hz, 1H), 7.63 (dd, J=8.2Hz, 2H), 7.87 (dd, J=2.6Hz and 9.5Hz, 1H), 8.23 (s, 1H).
6-26	¹ H NMR (300MHz, DMSO-d ⁶) δ 4.51 (q, J=5.4Hz, 2H), 5.19 (s, 2H), 5.19-5.26 (m, 1H), 6.52 (d, J=9.5Hz, 1H), 7.16-7.24 (m, 1H), 7.27 (dd, J=2.0Hz and 8.2Hz, 1H), 7.36 (d, J=8.2Hz, 2H), 7.46 (dd, J=2.0Hz and 10.2Hz, 1H), 7.53 (d, J=8.2Hz and 9.5Hz, 1H), 8.21 (d, J=2.3Hz, 1H), 8.21 (d, J=2.8Hz, 1H), 7.88 (dd, J=8.2Hz and 9.5Hz, 2H), 7.88 (dd, J=8.2Hz and 9.5Hz, 1H).

Co.Nr	NMR-data
6-29	¹ H NMR (300MHz, CDCl ₃) δ 2.50 (s, 6H), 3.65 (s, 3H), 5.17 (s, 2H), 6.49 (d, J=9.3Hz, 1H), 7.12-7.30 (m, 4H), 7.06 (dd, J=2.1Hz, J=9.9Hz, 1H), 7.83 (dd, J=2.7Hz, J=9.3Hz, 1H), 8.12 (d, J=2.4Hz, 1H).
6-30	¹ H NMR (500MHz, DMSO-d ⁶) δ 3.78 (s, 3H), 5.17 (s, 2H), 6.49 (d, J=9.5Hz, 1H), 6.86 (dd, J=2.6Hz and 8.6Hz, 1H), 6.93 (dd, J=2.6Hz and 13.0Hz, 1H), 7.20-7.25 (m, 1H), 7.28 (dd, J=2.0Hz and 8.6Hz, 1H), 7.37-7.42 (m, 1H), 7.45 (dd, J=2.0Hz and 10.1Hz, 1H), 7.63-7.67 (m, 1H), 7.97 (d, J=2.3Hz, 1H).
6-31	¹ H NMR (500MHz, DMSO-d ⁶) δ 3.76 (s, 3H), 3.80 (s, 3H), 5.18 (s, 2H), 6.49 (d, J=9.5Hz, 1H), 6.98 (d, J=8.3Hz, 1H), 7.07 (dd, J=2.1Hz and 8.3Hz, 1H), 7.12 (d, J=2.1Hz, 1H), 7.13-7.18 (m, 1H), 7.27 (dd, J=1.9Hz and 8.3Hz, 1H), 7.46 (dd, J=2.1Hz and 10.1Hz, 1H), 7.87 (dd, J=2.6Hz and 9.5Hz, 1H), 8.14 (d, J=2.6Hz, 1H).
6-35	¹ H NMR (300MHz, DMSO-d ⁶) δ 1.01-1.14 (m, 3H), 3.64-3.79 (m, 2H), 3.82-3.91 (m, 1H), 4.72-4.83 (m, 1H), 5.02-5.13 (m, 2H), 6.33-6.45 (m, 1H), 6.79-6.95 (m, 2H), 7.06-7.20 (m, 2H), 7.29-7.43 (m, 3H), 7.70-7.78 (m, 1H), 7.97-8.05 (m, 1H).
6-38	¹ H NMR (300MHz, DMSO-d ⁶) δ 2.02 (p, J=5.1Hz, 2H), 4.05 (q, J=5.5Hz, 4H), 5.08 (s, 2H), 6.39 (d, J=9.0Hz, 1H), 6.91 (d, J=9.0Hz, 1H), 7.03-7.20 (m, 4H), 7.37 (dd, J=3Hz, J=9.0Hz, 1H), 7.74 (dd, J=3.0Hz, J=9Hz, 1H), 8.08 (d, J=3.0Hz, 1H).
6-39	¹ H NMR (300MHz, CDCl ₃) δ 3.84 (s, 3H), 5.19 (s, 2H), 6.53 (d, J=9.6Hz, 1H), 7.17-7.27 (m, 2H), 7.27-7.33 (3H), 7.45 (dd, J=2.1Hz and 9.9Hz, 1H), 7.58-7.66 (m, 2H), 7.88 (dd, J=2.7Hz and 9.9Hz, 1H), 8.23 (d, J=2.7Hz, 1H).
6-40	¹ H NMR (300MHz, CDCl ₃) δ 2.16 (s, 3H), 4.83 (s, 2H), 5.18 (s, 2H), 6.50 (d, J=9.3Hz, 1H), 6.93-7.02 (m, 2H), 7.15-7.24 (m, 1H), 7.27 (dd, J=2.1Hz and 8.7Hz, 1H), 7.42-7.51 (3H), 7.83 (dd, J=2.4Hz and 9.3Hz, 1H), 8.11 (d, J=2.4Hz, 1H).
6-41	¹ H NMR (300MHz, CDCl ₃) δ 3.70 (s, 3H), 4.83 (s, 2H), 5.18 (s, 2H), 6.50 (d, J=9.3Hz, 1H), 6.95-7.02 (m, 2H), 7.14-7.24 (m, 1H), 7.27 (dd, J=2.1Hz and 8.4Hz, 1H), 7.42-7.51 (3H), 7.83 (dd, J=2.4Hz and 9.3Hz, 1H), 8.12 (d, J=2.4Hz, 1H).
6-45	¹ H NMR (300MHz, CDCl ₃) δ 2.14-2.27 (m, 2H), 2.56 (s, 6H), 2.82-2.92 (m, 2H), 4.08 (t, J=6.0Hz, 2H), 5.18 (s, 2H), 6.65 (d, J=9.6Hz, 1H), 6.88-6.95 (m, 2H), 7.08-7.12 (m, 1H), 7.12-7.15 (m, 1H), 7.26-7.31 (m, 2H), 7.43-7.51 (2H), 7.56 (dd, J=2.7Hz and 9.6Hz, 1H).
6-46	¹ H NMR (300MHz, CDCl ₃) δ 5.19 (s, 2H), 5.20 (s, 2H), 6.52 (d, J=9.5Hz, 1H), 7.11-7.16 (m, 2H), 7.18-7.23 (m, 1H), 7.27 (dd, J=2.0Hz and 8.4Hz, 1H), 7.46 (dd, J=2.0Hz and 10.1Hz, 1H), 7.55-7.60 (m, 2H), 7.86 (dd, J=2.7Hz and 9.5Hz, 1H), 8.16 (d, J=2.7Hz, 1H).
6-48	¹ H NMR (300MHz, CDCl ₃) δ 2.43-2.56 (m, 2H), 2.57-2.80 (m, 1H), 2.83-3.01 (m, 2H), 3.16-3.29 (m, 2H), 3.50-3.55 (m, 1H), 3.99 (d, J=3.3Hz, 1H), 4.03 (d, J=3.3Hz, 1H), 4.10-4.17 (m, 2H), 4.27-4.40 (m, 2H), 5.26 (s, 2H), 6.93 (d, J=8.7Hz, 2H), 7.10-7.16 (m, 1H), 7.17 (d, J=8.7Hz, 2H), 7.33 (d, J=8.7Hz, 2H).
6-50	¹ H NMR (300MHz, DMSO-d ⁶) δ 3.87 (s, 3H), 5.17 (s, 2H), 6.53 (d, J=9.5Hz, 1H), 6.89 (d, J=8.7Hz, 1H), 7.08-7.16 (m, 2H), 7.27-7.40 (4H), 7.43-7.53 (m, 2H), 7.54-7.63 (m, 1H), 7.80 (d, J=9.2Hz, 1H), 8.55-8.79 (m, 1H).
6-51	¹ H NMR (300MHz, DMSO-d ⁶) δ 3.87 (s, 3H), 5.17 (s, 2H), 6.53 (d, J=9.5Hz, 1H), 6.89 (d, J=8.7Hz, 1H), 7.17-7.24 (m, 1H), 7.27 (dd, J=2.0Hz and 8.4Hz, 1H), 7.46 (dd, J=2.0Hz and 10.2Hz, 1H), 7.84-7.94 (m, 2H), 8.20 (d, J=2.6Hz, 1H), 8.38 (d, J=2.3Hz, 1H).
6-53	¹ H NMR (300MHz, DMSO-d ⁶) δ 3.16 (s, 3H), 3.99 (t, J=5.6Hz, 2H), 5.18 (s, 2H), 5.75 (s, 1H), 6.51 (d, J=9.5Hz, 1H), 7.00 (d, J=8.7Hz, 2H), 7.15-7.23 (m, 1H), 7.23-7.29 (m, 1H), 7.43-7.53 (m, 3H), 7.84 (dd, J=2.8Hz and 9.5Hz, 1H), 8.09-8.20 (m, 1H).
6-54	¹ H NMR (300MHz, CDCl ₃) δ 1.92 (s, 3H), 3.40 (q, J=6.4Hz, 2H), 3.98 (t, J=5.9Hz, 2H), 5.11 (s, 2H), 6.59 (q, J=9.5Hz, 1H), 6.85 (d, J=8.7Hz, 2H), 7.02-7.07 (m, 2H), 7.18-7.23 (m, 4H), 7.37-7.52 (m, 3H).

Cs.Nr	NMR-data
6-64	¹ H NMR (300MHz, DMSO-d ⁶) δ 3.59 (s, 2H), 5.05-5.12 (m, 2H), 6.39-6.46 (m, 1H), 6.73 (d, J=8.7Hz, 1H), 6.78 (s, 1H), 7.02-7.23 (m, 4H), 7.27 (d, J=8.7Hz, 1H), 7.34-7.46 (m, 3H), 7.63-7.80 (m, 1H), 7.95 (s, 1H), 8.06 (s, 1H), 9.46 (bs, 1H).
6-65	¹ H NMR (300MHz, CDCl ₃) δ 3.00-3.60 (br, s, 1H), 5.18 (s, 2H), 5.35 (s, 2H), 6.50 (d, J=9.5Hz, 1H), 7.11-7.17 (m, 2H), 7.18-7.23 (m, 1H), 7.27 (dd, J=2.0Hz and 8.4Hz, 1H), 7.45 (dd, J=2.0Hz and 10.2Hz, 1H), 7.47-7.60 (m, 2H), 7.84 (dd, J=2.7Hz and 9.5Hz, 1H), 8.13 (d, J=2.7Hz, 1H).
6-69	¹ H NMR (500MHz, DMSO-d ⁶) δ 5.21 (s, 2H), 6.55 (d, J=9.5Hz, 1H), 7.19-7.24 (m, 1H), 7.26-7.30 (m, 1H), 7.43-7.49 (m, 2H), 7.57 (dd, J=1.8Hz and 8.6Hz, 1H), 7.80 (d, J=5.4Hz, 1H), 7.95 (dd, J=2.7Hz and 9.4Hz, 1H), 8.05 (d, J=8.4Hz, 1H), 8.07 (d, J=1.6Hz, 1H), 8.28 (d, J=2.3Hz, 1H).
6-76	¹ H NMR (500MHz, CDCl ₃) δ 2.57 (s, 3H), 3.70 (s, 3H), 5.10 (s, 2H), 6.52 (d, J=9.5Hz, 1H), 6.89 (d, J=8.7Hz, 2H), 7.35 (d, J=8.7Hz, 2H), 7.72 (d, J=8.7Hz, 1H).
7-01	¹ H NMR (DMSO-d ⁶) δ 8.31 (s, 1H); 7.56 (dd, 1H); 7.41-7.40 (m, 1H); 7.32 (dd, 1H); 7.20-7.13 (m, 3H); 7.03 (m, 2H); 6.98-6.96 (m, 1H); 5.12 (s, 2H); 3.76 (s, 3H).
7-02	¹ H NMR (500MHz, DMSO-d ⁶) δ 5.12 (s, 2H), 6.50 (d, J=9.4Hz, 1H), 7.11-7.20 (3H), 7.37-7.43 (m, 1H), 7.51 (dd, J=5.0Hz and 8.0Hz, 1H), 7.58 (dd, J=2.5Hz and 9.4Hz, 1H), 7.96-8.00 (m, 1H), 8.37 (d, J=2.4Hz, 1H), 8.59 (dd, J=1.6Hz and 5.0Hz, 1H), 8.73 (d, J=2.1Hz, 1H).
7-03	¹ H NMR (500MHz, DMSO-d ⁶) δ 3.00 (t, J=6.7Hz, 2H), 4.18 (t, J=6.7Hz, 2H), 5.01 (s, 2H), 5.84 (d, J=2.7Hz, 1H), 5.95 (dd, J=2.7Hz and 7.6Hz, 1H), 7.11 (3H), 7.18-7.25 (m, 1H), 7.29 (d, J=4.7Hz, 4H), 7.32-7.38 (m, 1H), 7.66 (d, J=7.6Hz, 1H).
7-06	¹ H NMR (500MHz, CDCl ₃) δ 2.65 (t, J=7.4Hz, 2H), 2.79 (t, J=7.4Hz, 2H), 3.76 (s, 3H), 4.98 (s, 2H), 6.59 (d, J=9.2Hz, 1H), 6.60-6.65 (2H), 6.72-6.75 (m, 1H), 6.79-6.82 (m, 1H), 6.90-6.94 (m, 1H), 6.99 (d, J=2.0Hz and 9.6Hz, 1H), 7.13-7.18 (m, 1H), 7.23 (dd, J=2.5Hz and 9.2Hz, 1H), 7.31-7.36 (m, 1H).
7-07	¹ H NMR (300MHz, CDCl ₃) δ 3.64 (s, 2H), 3.70 (s, 3H), 5.06 (s, 2H), 6.58-6.62 (m, 1H), 6.77-6.86 (m, 3H), 6.99-7.07 (m, 4H), 7.14-7.20 (m, 1H), 7.27-7.40 (m, 1H).
7-08	¹ H NMR (300 MHz, CDCl ₃) δ 1.76-1.93 (m, 2H), 2.30-2.46 (m, 2H), 2.52-2.70 (m, 2H), 5.09 (s, 2H), 6.54 (d, J=9.2Hz, 1H), 7.04-7.35 (9H), 7.35-7.50 (m, 1H).
7-11	¹ H NMR (300MHz, CDCl ₃) δ 1.42-1.59 (m, 4H), 2.25-2.35 (m, 2H), 2.47-2.56 (m, 2H), 3.72 (s, 3H), 5.01 (s, 2H), 6.48 (m, 1H), 6.62-6.72 (m, 3H), 7.00-7.25 (m, 5H), 7.29-7.37 (m, 1H).
7-15	¹ H NMR (DMSO-d ⁶) δ 7.77 (m, 1H); 7.59-7.57 (m, 1H); 7.44-7.43 (m, 1H); 7.28 (m, 7H); 7.22-7.18 (m, 4H); 6.81 (m, 1H); 5.53 (s, 2H)
7-16	¹ H NMR (DMSO-d ⁶) δ 8.27 (m, 1H); 7.55-7.47 (m, 3H); 7.40-7.3 (m, 8H); 6.47 (m, 1H); 5.12 (s, 2H).
8-02	¹ H NMR (300MHz, DMSO-d ⁶) δ 0.93 (d, 6H), 1.49-1.62 (m, 3H), 3.02 (s, 3H), 3.91-4.00 (m, 2H), 6.48 (d, J=9.4Hz, 1H), 7.10-7.18 (m, 1H), 7.28-7.42 (m, 3H), 7.70 (dd, J=2.6Hz, 9.4Hz, 1H), 8.03 (d, J=2.6Hz, 1H), 9.78 (s, 1H).
9-01	¹ H NMR (DMSO-d ⁶) δ 7.80 (d, 1H, J=2.5 Hz); 7.36 (d, 1H, J=2.5 Hz); 7.33-7.31 (m, 1H); 7.27-7.26 (m, 3H); 7.15 (m, 1H); 7.06 (m, 2H); 6.94 (m, 2H); 5.23 (s, 2H); 3.83 (s, 3H).
9-03	¹ H NMR (300MHz, CDCl ₃) δ 5.17 (s, 2H), 5.23 (s, 2H), 6.65 (d, J=9.4Hz, 1H), 7.02 (d, J=8.7Hz, 2H), 7.08-7.15 (m, 2H), 7.25-7.31 (m, 4H), 7.42-7.61 (m, 3H), 7.71-7.76 (m, 1H), 8.54 (s, 1H).
9-07	¹ H NMR (500MHz, CDCl ₃) δ 2.26 (s, 3H), 3.83 (s, 3H), 5.23 (s, 2H), 6.92 (d, J=8.8Hz, 2H), 7.29 (d, J=8.8Hz, 2H), 7.30-7.37 (m, 6H), 7.47 (m, 1H).